

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
 Data File : BF132168.D
 Acq On : 20 Jan 2023 18:56
 Operator : CG\JU
 Sample : 01160-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-04-SB02MS

Quant Time: Jan 21 03:55:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:50:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 01/23/2023
 Supervised By : Jagrut Upadhyay 01/23/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.089	152	180499	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	642399	20.000	ng	0.00
39) Acenaphthene-d10	10.148	164	329191	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	675987	20.000	ng	0.00
76) Chrysene-d12	14.307	240	393953	20.000	ng	0.00
86) Perylene-d12	15.901	264	382702	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.719	112	871014	84.297	ng	0.01
7) Phenol-d6	6.701	99	1145184	88.044	ng	0.00
23) Nitrobenzene-d5	7.654	82	726080	60.043	ng	0.00
42) 2,4,6-Tribromophenol	10.942	330	339928	96.673	ng	0.00
45) 2-Fluorobiphenyl	9.454	172	1233089	54.735	ng	0.00
79) Terphenyl-d14	13.236	244	1410473	59.974	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.149	88	239688	45.788	ng	99
3) Pyridine	3.866	79	611469	43.513	ng	99
4) n-Nitrosodimethylamine	3.831	42	325803	49.297	ng	95
6) Aniline	6.748	93	576176m	31.982	ng	
8) 2-Chlorophenol	6.872	128	555669	51.162	ng	99
9) Benzaldehyde	6.642	77	291932	34.888	ng	99
10) Phenol	6.719	94	667203	49.274	ng	100
11) bis(2-Chloroethyl)ether	6.819	93	548037	47.810	ng	100
12) 1,3-Dichlorobenzene	7.031	146	591533	48.723	ng	99
13) 1,4-Dichlorobenzene	7.107	146	595212	49.132	ng	99
14) 1,2-Dichlorobenzene	7.260	146	566137	50.539	ng	97
15) Benzyl Alcohol	7.225	79	506017m	50.862	ng	
16) 2,2'-oxybis(1-Chloropr...	7.360	45	789107	47.365	ng	99
17) 2-Methylphenol	7.331	107	433268	45.535	ng	98
18) Hexachloroethane	7.607	117	222423	51.147	ng	99
19) n-Nitroso-di-n-propyla...	7.501	70	359230	45.088	ng	97
20) 3+4-Methylphenols	7.484	107	545690	45.513	ng	95
22) Acetophenone	7.501	105	695455	45.042	ng	97
24) Nitrobenzene	7.672	77	613731	47.934	ng	99
25) Isophorone	7.913	82	1098196	46.414	ng	98
26) 2-Nitrophenol	7.989	139	278422	56.676	ng	95
27) 2,4-Dimethylphenol	8.019	122	494401	48.290	ng	98
28) bis(2-Chloroethoxy)met...	8.119	93	626529	44.133	ng	100
29) 2,4-Dichlorophenol	8.231	162	465080	47.848	ng	98
30) 1,2,4-Trichlorobenzene	8.319	180	504315	45.680	ng	99
31) Naphthalene	8.401	128	1464521	44.390	ng	99
32) Benzoic acid	8.131	122	369968	53.119	ng	96
33) 4-Chloroaniline	8.442	127	153846	10.897	ng	94
34) Hexachlorobutadiene	8.513	225	336023	45.308	ng	99
35) Caprolactam	8.819	113	155804m	56.525	ng	
36) 4-Chloro-3-methylphenol	8.913	107	476700	48.735	ng	99
37) 2-Methylnaphthalene	9.095	142	963167	42.402	ng	100
38) 1-Methylnaphthalene	9.195	142	896976	42.440	ng	98
40) 1,2,4,5-Tetrachloroben...	9.260	216	511837	44.688	ng	99
41) Hexachlorocyclopentadiene	9.248	237	650462	104.071	ng	98
43) 2,4,6-Trichlorophenol	9.366	196	357566	50.303	ng	98

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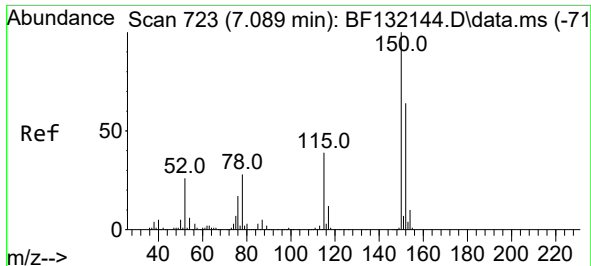
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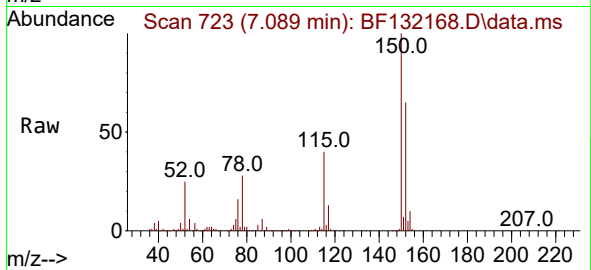
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.407	196	384342	46.231	ng	97
46) 1,1'-Biphenyl	9.560	154	1181561	45.496	ng	99
47) 2-Chloronaphthalene	9.589	162	930855	46.366	ng	98
48) 2-Nitroaniline	9.678	65	330105	51.236	ng	96
49) Acenaphthylene	10.007	152	1404459	43.730	ng	99
50) Dimethylphthalate	9.854	163	1096201	45.978	ng	100
51) 2,6-Dinitrotoluene	9.919	165	255141	55.211	ng	93
52) Acenaphthene	10.183	154	969450	50.183	ng	98
53) 3-Nitroaniline	10.089	138	154725	31.316	ng	97
54) 2,4-Dinitrophenol	10.195	184	270537	122.367	ng	# 49
55) Dibenzofuran	10.354	168	1321448	44.263	ng	97
56) 4-Nitrophenol	10.242	139	406423	113.027	ng	87
57) 2,4-Dinitrotoluene	10.325	165	327409	59.024	ng	95
58) Fluorene	10.701	166	996928	45.067	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.466	232	324362	51.291	ng	99
60) Diethylphthalate	10.560	149	1080527	46.215	ng	99
61) 4-Chlorophenyl-phenyle...	10.683	204	525127	44.332	ng	99
62) 4-Nitroaniline	10.713	138	242452	52.709	ng	98
63) Azobenzene	10.848	77	1142780	48.701	ng	99
65) 4,6-Dinitro-2-methylph...	10.730	198	174761	51.892	ng	90
66) n-Nitrosodiphenylamine	10.807	169	891161	41.164	ng	99
67) 4-Bromophenyl-phenylether	11.177	248	344041	41.755	ng	97
68) Hexachlorobenzene	11.248	284	374608	45.746	ng	96
69) Atrazine	11.330	200	322235	48.243	ng	99
70) Pentachlorophenol	11.442	266	448447	85.219	ng	97
71) Phenanthrene	11.672	178	1528554	43.089	ng	99
72) Anthracene	11.724	178	1522564	42.425	ng	100
73) Carbazole	11.871	167	1409163	45.968	ng	99
74) Di-n-butylphthalate	12.195	149	1603418	46.985	ng	100
75) Fluoranthene	12.866	202	1678286	46.057	ng	99
77) Benzidine	12.983	184	515761	43.604	ng	99
78) Pyrene	13.101	202	1695068	46.687	ng	99
80) Butylbenzylphthalate	13.707	149	608960	51.273	ng	97
81) Benzo(a)anthracene	14.295	228	1292695	45.931	ng	99
82) 3,3'-Dichlorobenzidine	14.248	252	199848	25.497	ng	# 98
83) Chrysene	14.336	228	1190256	44.431	ng	99
84) Bis(2-ethylhexyl)phtha...	14.265	149	735516	46.540	ng	100
85) Di-n-octyl phthalate	14.907	149	1035016	44.925	ng	99
87) Indeno(1,2,3-cd)pyrene	17.571	276	1320831	43.562	ng	99
88) Benzo(b)fluoranthene	15.424	252	1151600	49.422	ng	99
89) Benzo(k)fluoranthene	15.454	252	1115227	46.928	ng	98
90) Benzo(a)pyrene	15.836	252	1014886	45.277	ng	99
91) Dibenzo(a,h)anthracene	17.595	278	1058448	46.733	ng	99
92) Benzo(g,h,i)perylene	18.083	276	1117275	43.008	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.089 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

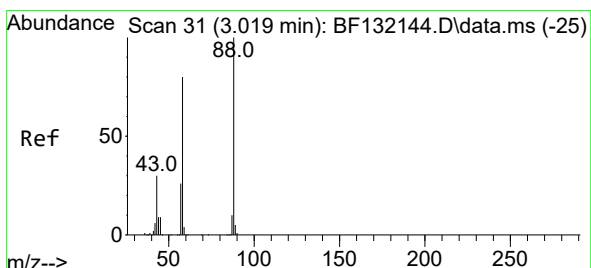
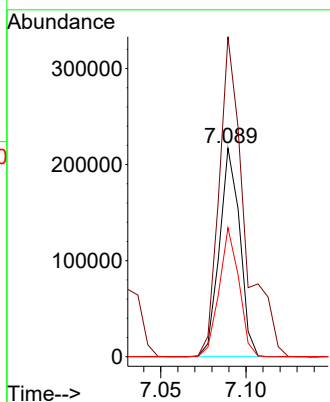
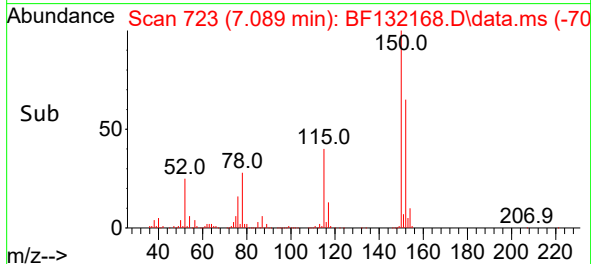
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B-04-SB02MS



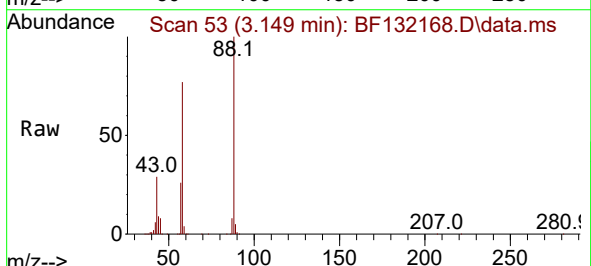
Tgt Ion:152 Resp: 180499
Ion Ratio Lower Upper
152 100
150 153.5 125.8 188.8
115 61.9 49.2 73.8

Manual Integrations
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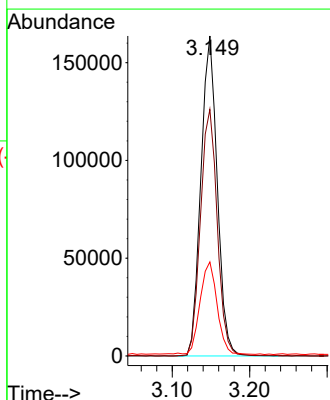
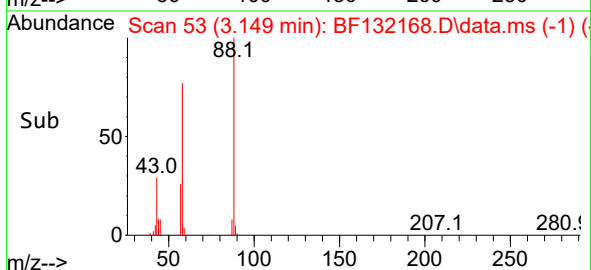
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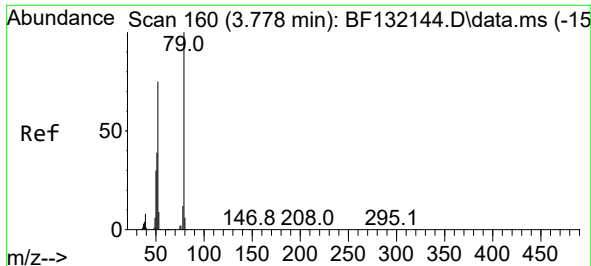


#2
1,4-Dioxane
Concen: 45.788 ng
RT: 3.149 min Scan# 53
Delta R.T. 0.129 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56



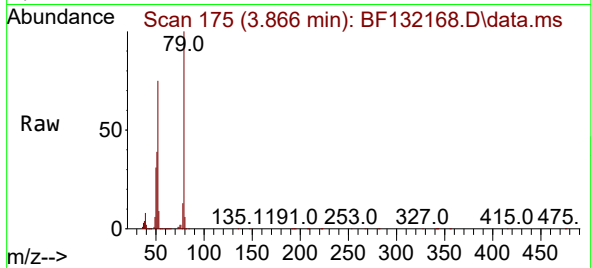
Tgt Ion: 88 Resp: 239688
Ion Ratio Lower Upper
88 100
58 79.2 64.0 96.0
43 30.0 24.2 36.4





#3
Pyridine
Concen: 43.513 ng
RT: 3.866 min Scan# 11
Delta R.T. 0.088 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

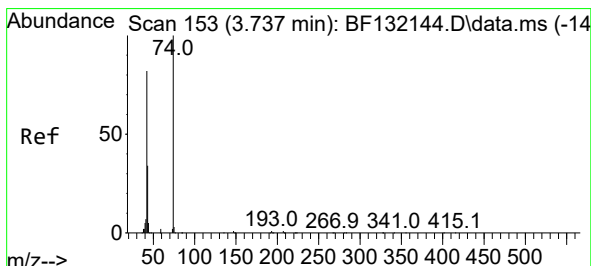
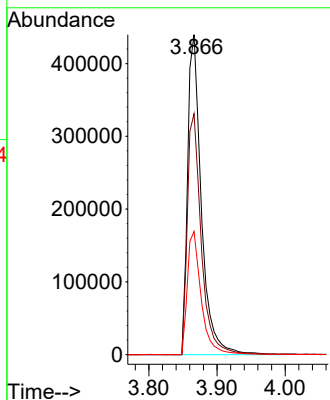
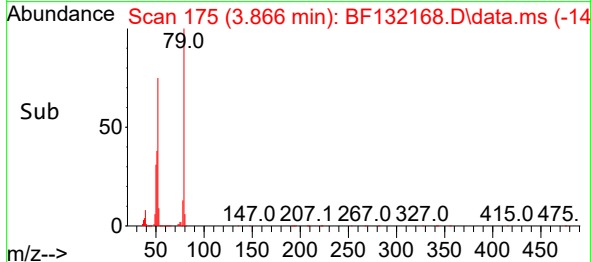
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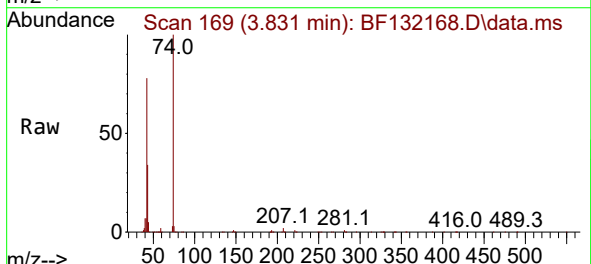
Tgt Ion: 79 Resp: 611469
Ion Ratio Lower Upper
79 100
52 75.3 60.1 90.1
51 38.5 31.4 47.0

Manual Integrations
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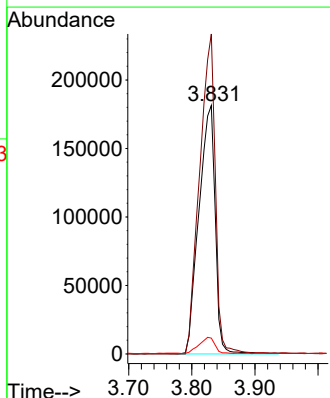
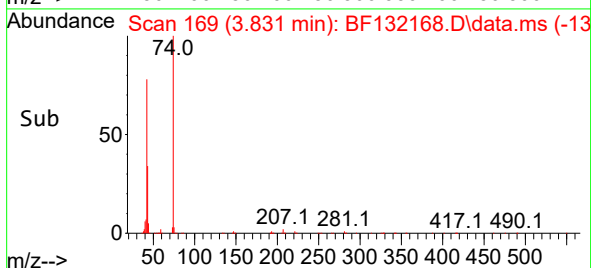
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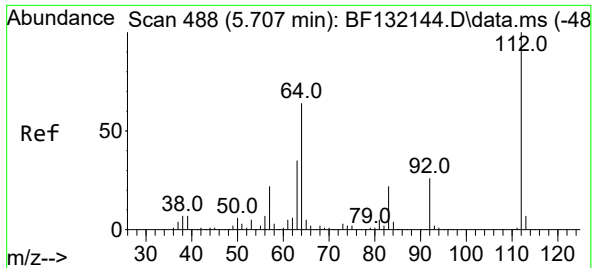


#4
n-Nitrosodimethylamine
Concen: 49.297 ng
RT: 3.831 min Scan# 169
Delta R.T. 0.094 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56



Tgt Ion: 42 Resp: 325803
Ion Ratio Lower Upper
42 100
74 128.7 98.1 147.1
44 6.4 5.2 7.8





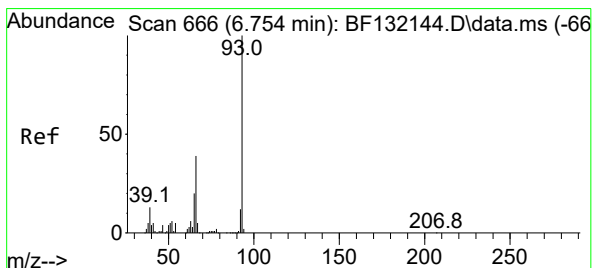
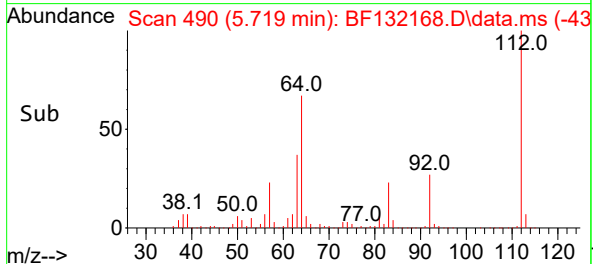
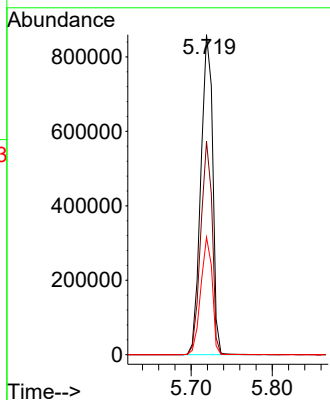
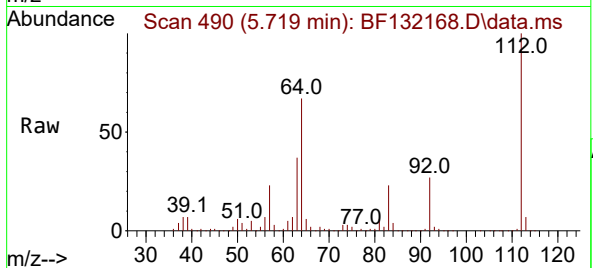
#5
2-Fluorophenol
Concen: 84.297 ng
RT: 5.719 min Scan# 490
Delta R.T. 0.012 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

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Tgt Ion:112 Resp: 871014
Ion Ratio Lower Upper
112 100
64 66.6 51.4 77.0
63 36.7 28.2 42.2

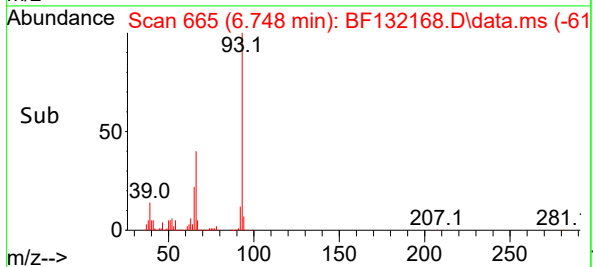
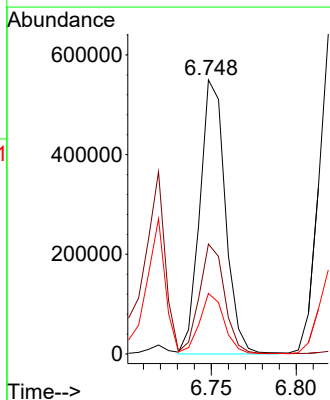
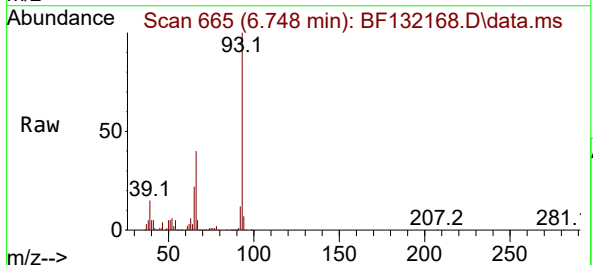
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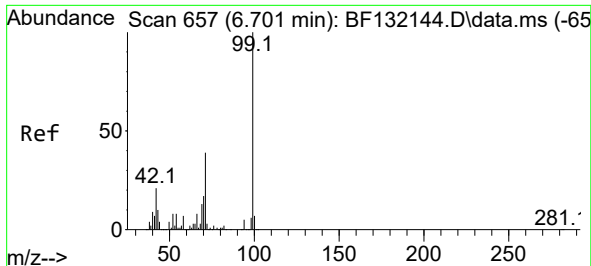
Reviewed By :Christian Giraldo 01/23/2023
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#6
Aniline
Concen: 31.982 ng m
RT: 6.748 min Scan# 665
Delta R.T. -0.006 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

Tgt Ion: 93 Resp: 576176
Ion Ratio Lower Upper
93 100
66 40.1 33.0 49.6
65 22.0 16.8 25.2





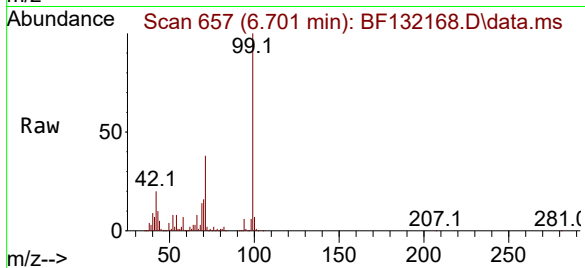
#7
Phenol-d6
Concen: 88.044 ng
RT: 6.701 min Scan# 657
Delta R.T. -0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

Instrument :

BNA_F

ClientSampleId :

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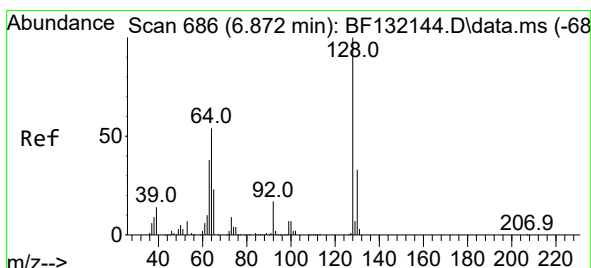
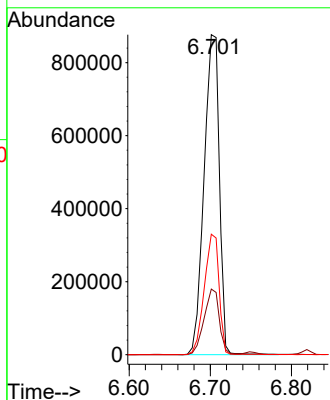
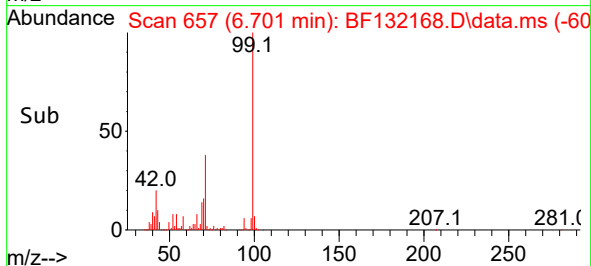


Tgt Ion: 99 Resp: 1145184
Ion Ratio Lower Upper
99 100
42 20.5 16.6 24.8
71 37.7 30.8 46.2

Manual Integrations

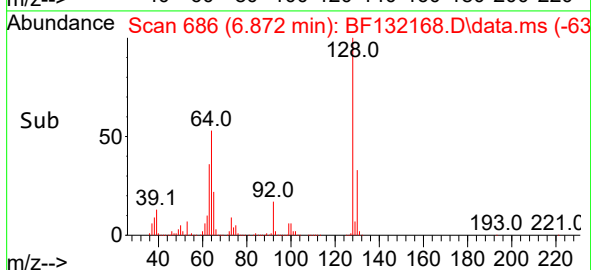
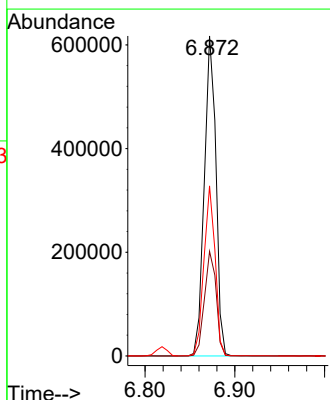
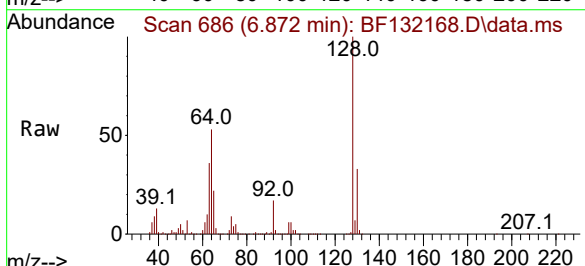
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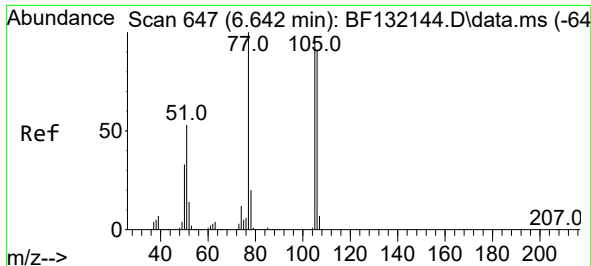
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#8
2-Chlorophenol
Concen: 51.162 ng
RT: 6.872 min Scan# 686
Delta R.T. -0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

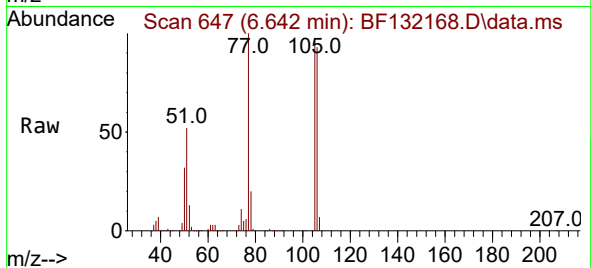
Tgt Ion:128 Resp: 555669
Ion Ratio Lower Upper
128 100
130 32.7 12.8 52.8
64 53.2 34.8 74.8





#9
Benzaldehyde
Concen: 34.888 ng
RT: 6.642 min Scan# 647
Delta R.T. 0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

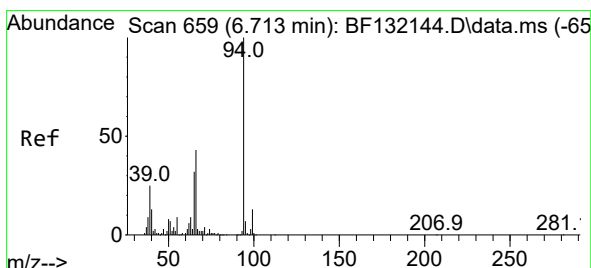
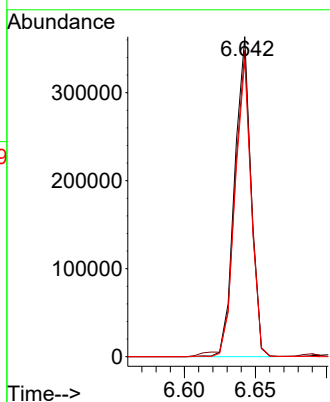
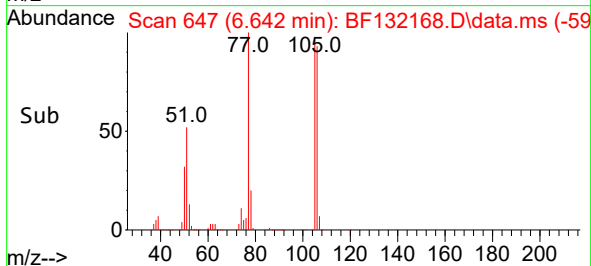
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Tgt Ion: 77 Resp: 291932
Ion Ratio Lower Upper
77 100
105 95.7 75.5 115.5
106 92.8 70.7 110.7

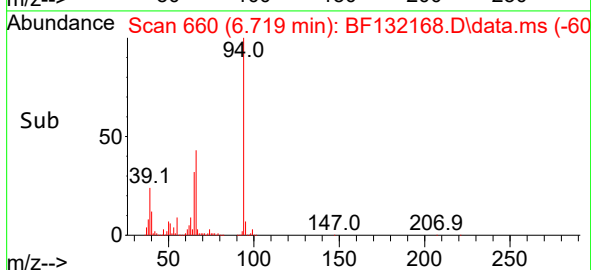
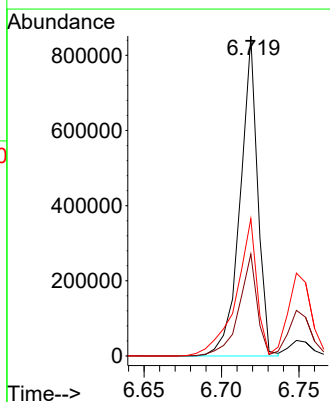
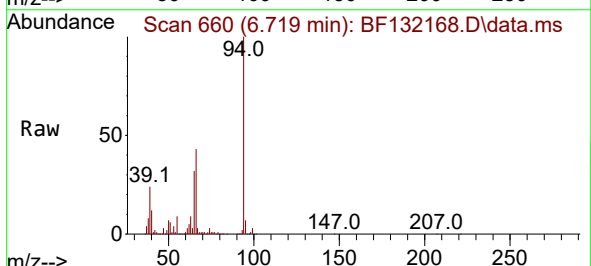
Manual Integrations
APPROVED

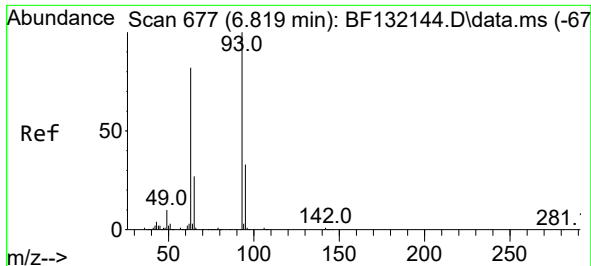
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#10
Phenol
Concen: 49.274 ng
RT: 6.719 min Scan# 660
Delta R.T. 0.006 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

Tgt Ion: 94 Resp: 667203
Ion Ratio Lower Upper
94 100
65 31.9 12.0 52.0
66 42.9 22.7 62.7





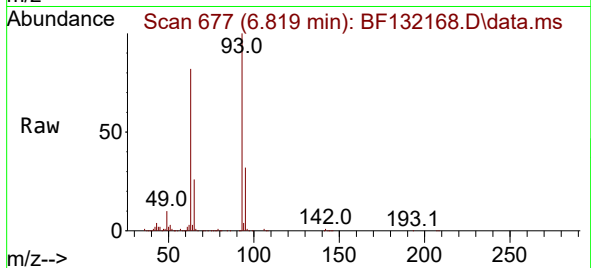
#11
bis(2-Chloroethyl)ether
Concen: 47.810 ng
RT: 6.819 min Scan# 611
Delta R.T. -0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

Instrument :

BNA_F

ClientSampleId :

B-04-SB02MS

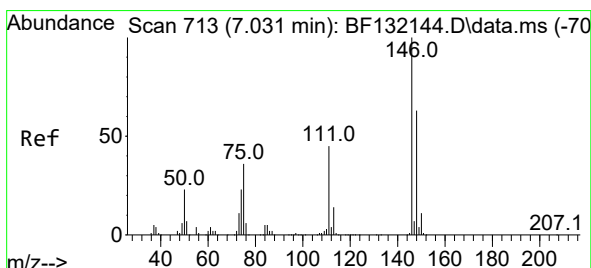
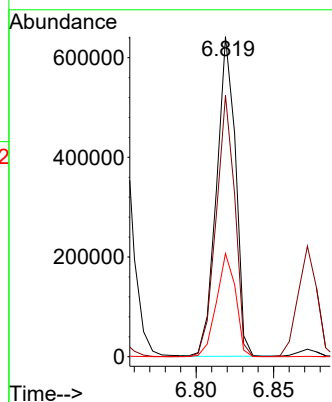
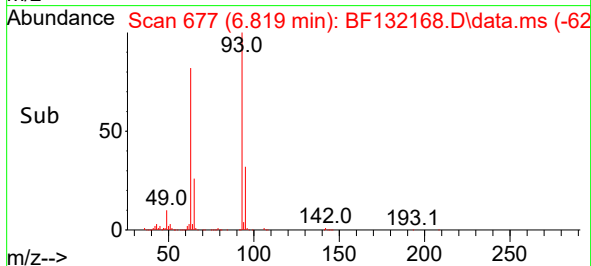


Tgt Ion: 93 Resp: 54803
Ion Ratio Lower Upper
93 100
63 81.7 61.6 101.6
95 32.2 12.7 52.7

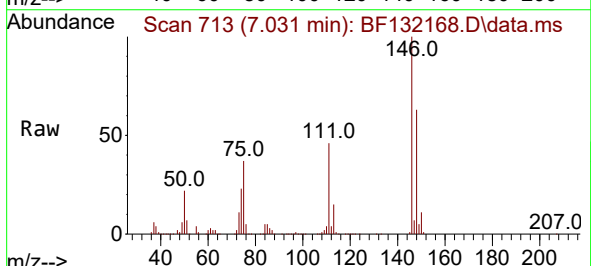
Manual Integrations

APPROVED

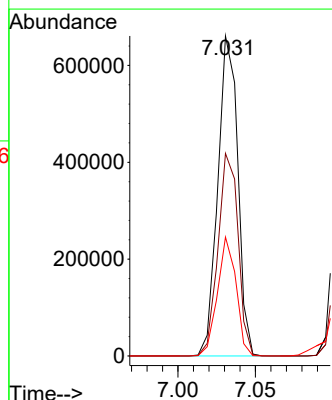
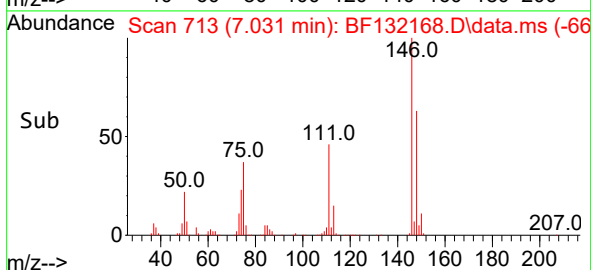
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

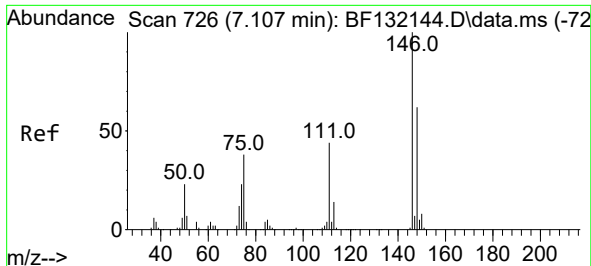


#12
1,3-Dichlorobenzene
Concen: 48.723 ng
RT: 7.031 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56



Tgt Ion:146 Resp: 591533
Ion Ratio Lower Upper
146 100
148 63.3 50.0 75.0
75 37.2 28.8 43.2





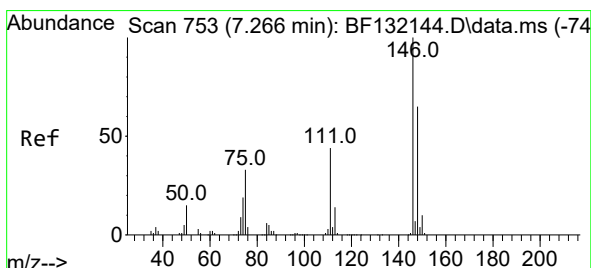
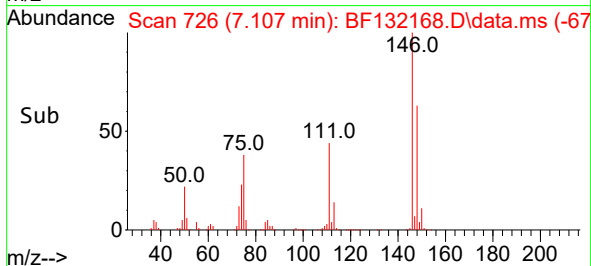
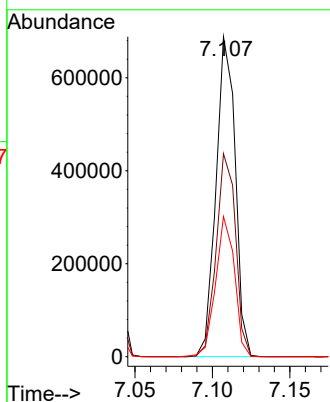
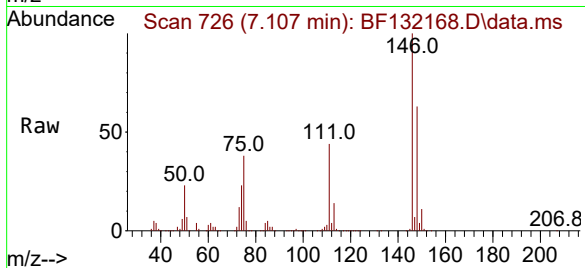
#13
1,4-Dichlorobenzene
Concen: 49.132 ng
RT: 7.107 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

Instrument :
BNA_F
ClientSampleId :
B-04-SB02MS

Tgt Ion:146 Resp: 59521
Ion Ratio Lower Upper
146 100
148 63.4 49.9 74.9
111 43.8 35.2 52.8

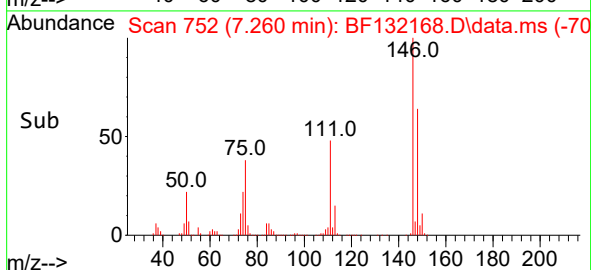
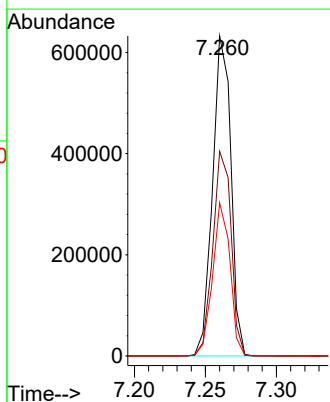
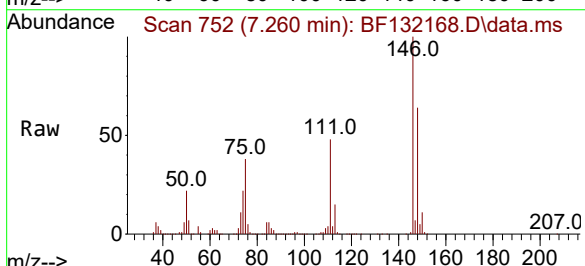
Manual Integrations
APPROVED

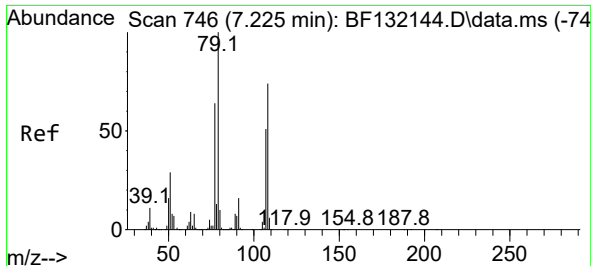
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#14
1,2-Dichlorobenzene
Concen: 50.539 ng
RT: 7.260 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

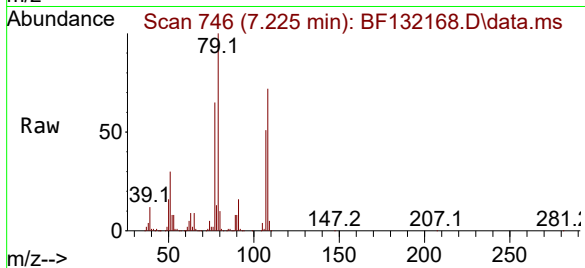
Tgt Ion:146 Resp: 566137
Ion Ratio Lower Upper
146 100
148 63.9 52.0 78.0
111 47.9 35.4 53.2





#15
Benzyl Alcohol
Concen: 50.862 ng m
RT: 7.225 min Scan# 746
Delta R.T. -0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

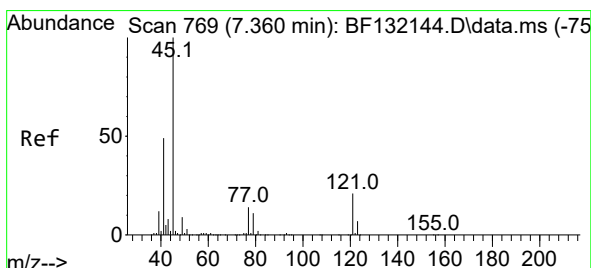
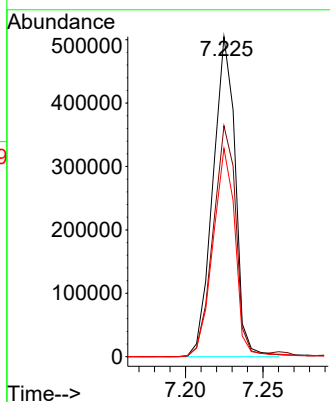
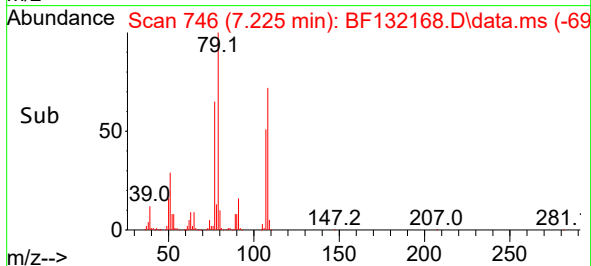
Instrument :
BNA_F
ClientSampleId :
B-04-SB02MS



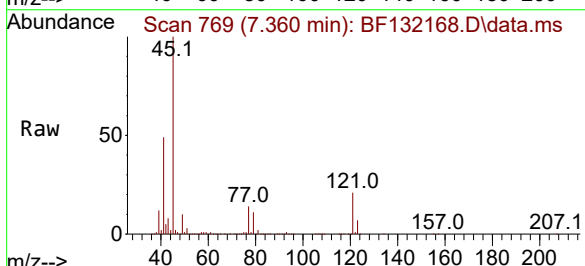
Tgt Ion: 79 Resp: 506017
Ion Ratio Lower Upper
79 100
108 72.1 58.9 88.3
77 65.1 51.1 76.7

Manual Integrations
APPROVED

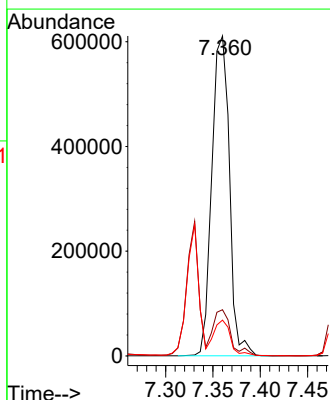
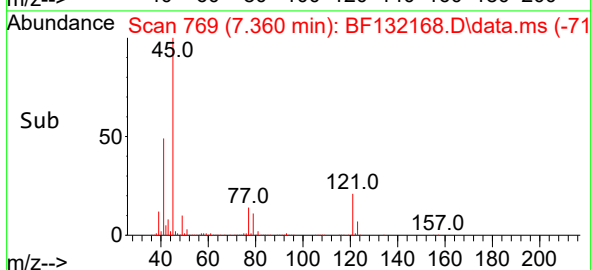
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

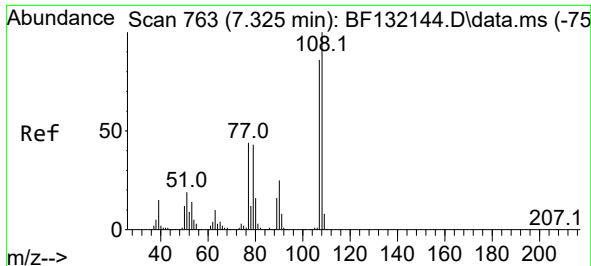


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.365 ng
RT: 7.360 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56



Tgt Ion: 45 Resp: 789107
Ion Ratio Lower Upper
45 100
77 14.5 0.0 34.3
79 11.2 0.0 30.9





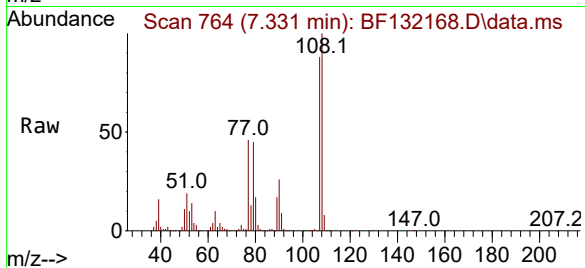
#17
2-Methylphenol
Concen: 45.535 ng
RT: 7.331 min Scan# 764
Delta R.T. 0.006 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

Instrument :

BNA_F

ClientSampleId :

B-04-SB02MS

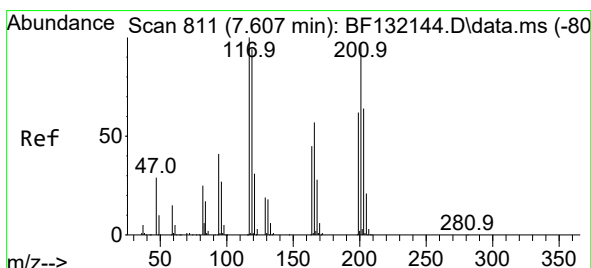
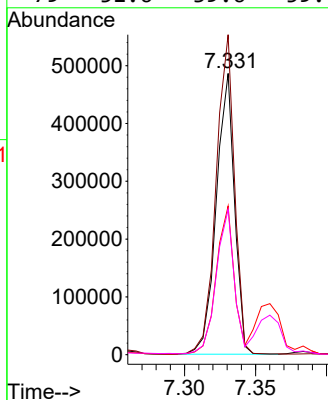
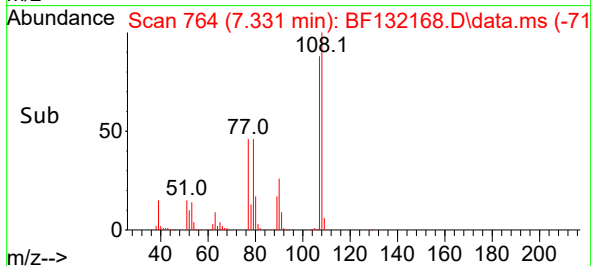


Tgt Ion:107 Resp: 433268
Ion Ratio Lower Upper
107 100
108 113.7 92.8 139.2
77 52.8 41.1 61.7
79 51.6 39.6 59.4

Manual Integrations

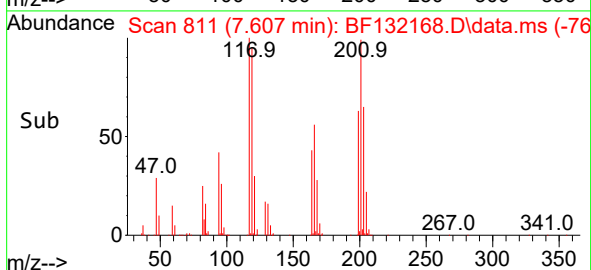
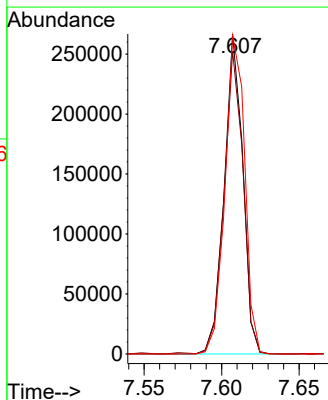
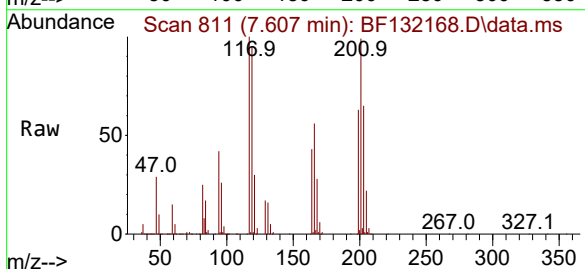
APPROVED

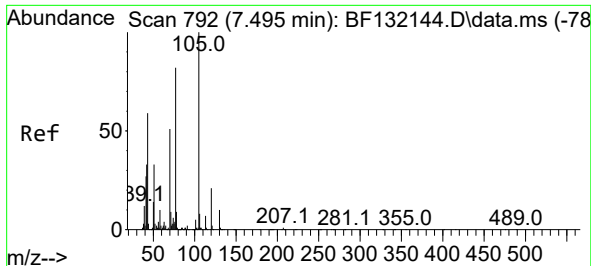
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#18
Hexachloroethane
Concen: 51.147 ng
RT: 7.607 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

Tgt Ion:117 Resp: 222423
Ion Ratio Lower Upper
117 100
119 94.6 75.4 113.0
201 99.5 77.9 116.9





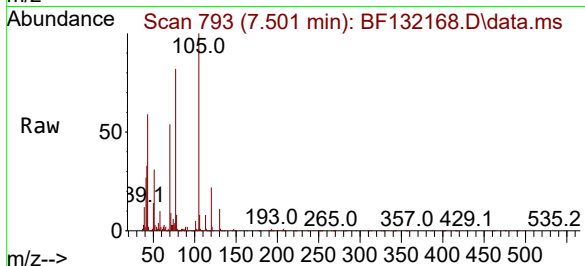
#19
n-Nitroso-di-n-propylamine
Concen: 45.088 ng
RT: 7.501 min Scan# 792
Delta R.T. 0.006 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

Instrument :

BNA_F

ClientSampleId :

B-04-SB02MS

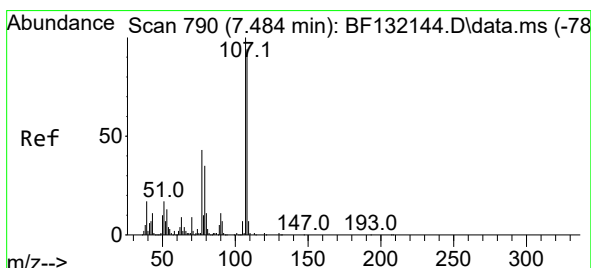
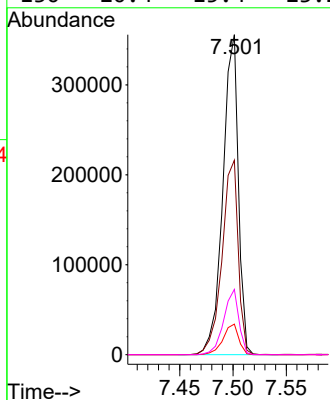
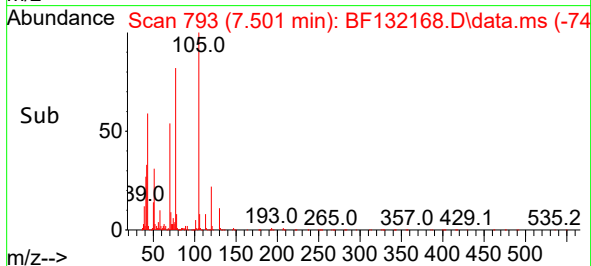


Tgt Ion: 70 Resp: 359230
Ion Ratio Lower Upper
70 100
42 60.7 51.0 76.4
101 9.6 7.3 10.9
130 20.4 15.4 23.2

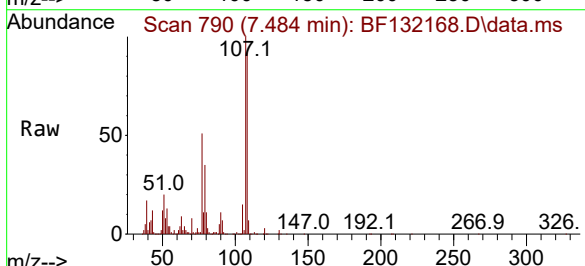
Manual Integrations

APPROVED

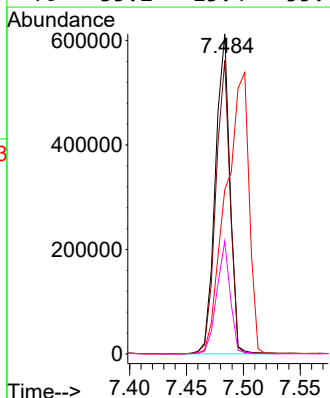
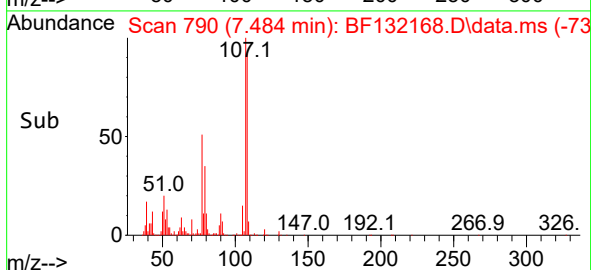
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

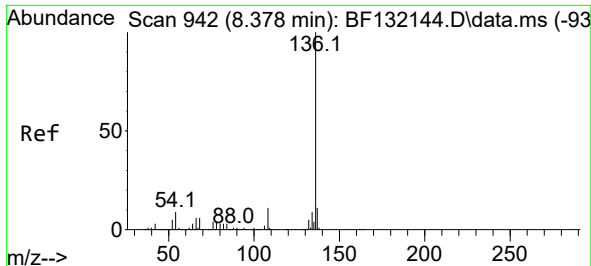


#20
3+4-Methylphenols
Concen: 45.513 ng
RT: 7.484 min Scan# 790
Delta R.T. -0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56



Tgt Ion:107 Resp: 545690
Ion Ratio Lower Upper
107 100
108 91.7 73.8 113.8
77 51.4 22.8 62.8
79 35.2 15.4 55.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.378 min Scan# 942

Delta R.T. -0.000 min

Lab File: BF132168.D

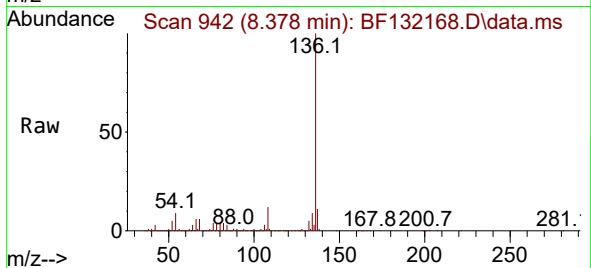
Acq: 20 Jan 2023 18:56

Instrument :

BNA_F

ClientSampleId :

B-04-SB02MS



Tgt Ion:136 Resp: 642399

Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.2 7.0 10.6

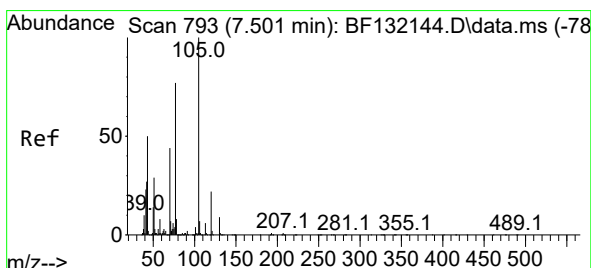
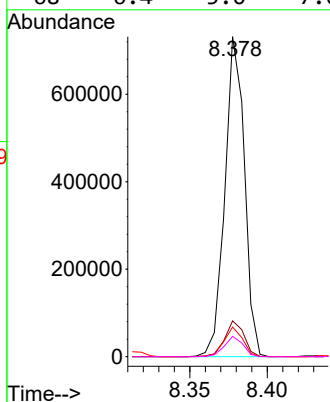
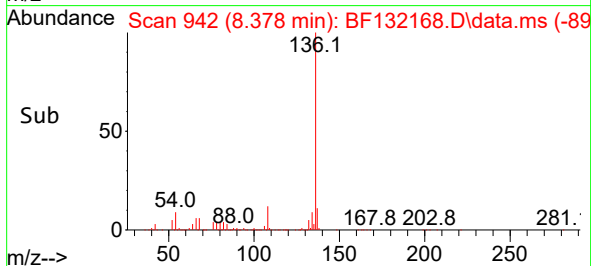
68 6.4 5.0 7.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#22

Acetophenone

Concen: 45.042 ng

RT: 7.501 min Scan# 793

Delta R.T. -0.000 min

Lab File: BF132168.D

Acq: 20 Jan 2023 18:56

Tgt Ion:105 Resp: 695455

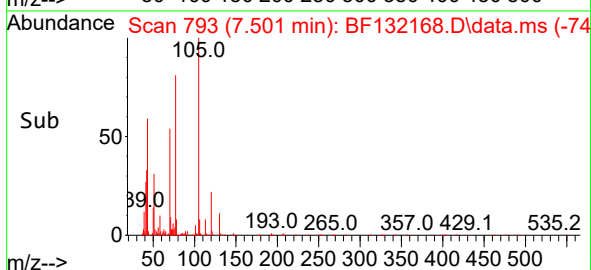
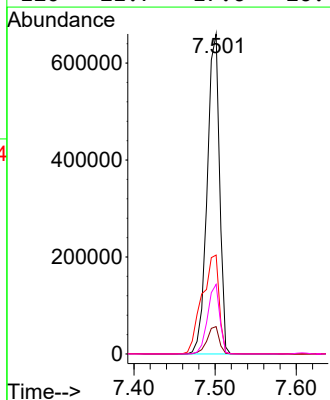
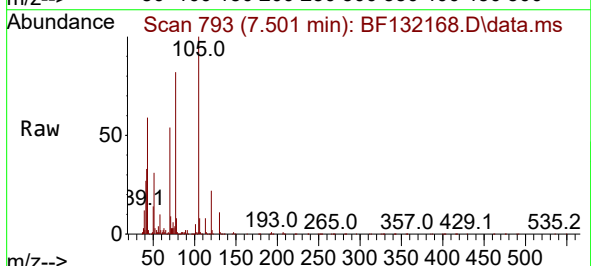
Ion Ratio Lower Upper

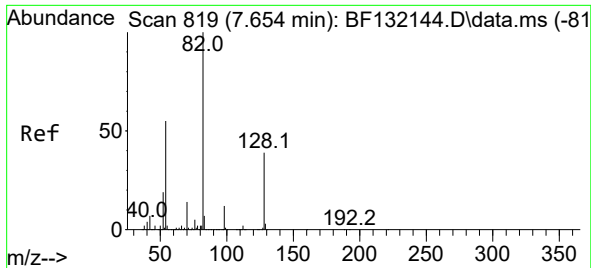
105 100

71 8.5 5.8 8.6

51 30.9 23.0 34.6

120 21.7 17.6 26.4





#23
Nitrobenzene-d5
Concen: 60.043 ng
RT: 7.654 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

Instrument :

BNA_F

ClientSampleId :

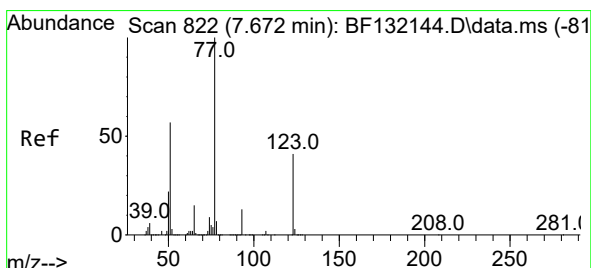
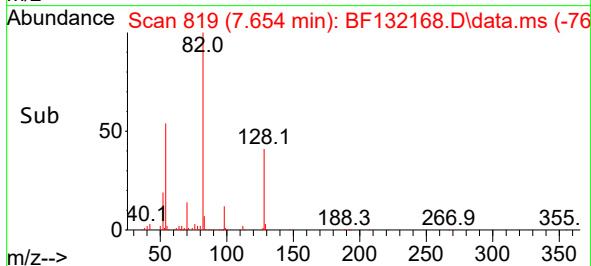
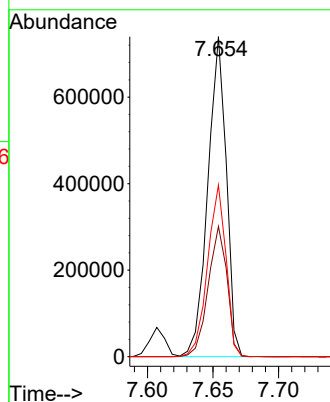
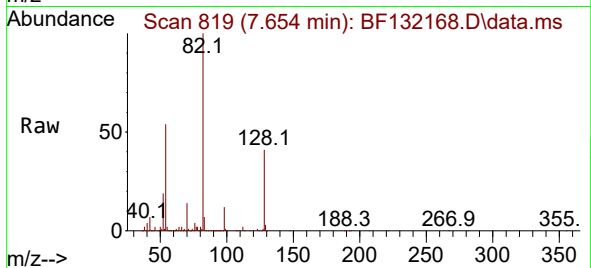
B-04-SB02MS

Tgt Ion: 82 Resp: 726080
Ion Ratio Lower Upper
82 100
128 40.7 31.1 46.7
54 53.7 43.9 65.9

Manual Integrations

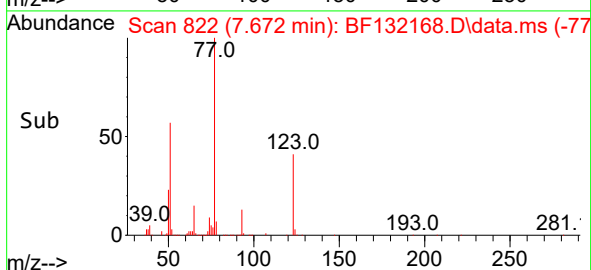
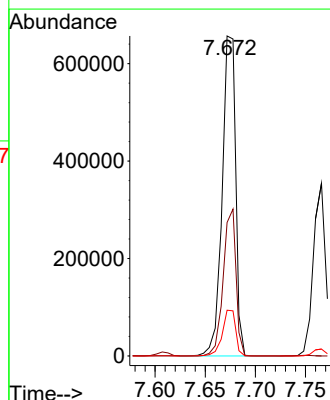
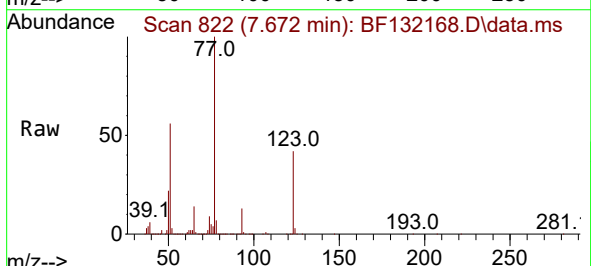
APPROVED

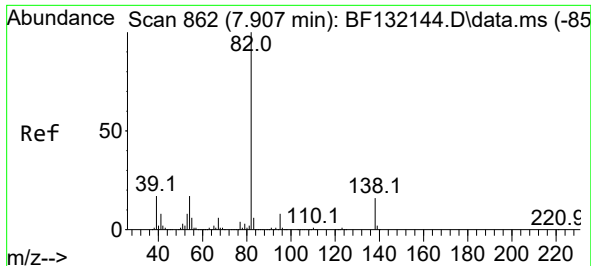
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#24
Nitrobenzene
Concen: 47.934 ng
RT: 7.672 min Scan# 822
Delta R.T. -0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

Tgt Ion: 77 Resp: 613731
Ion Ratio Lower Upper
77 100
123 41.7 33.1 49.7
65 14.3 11.7 17.5





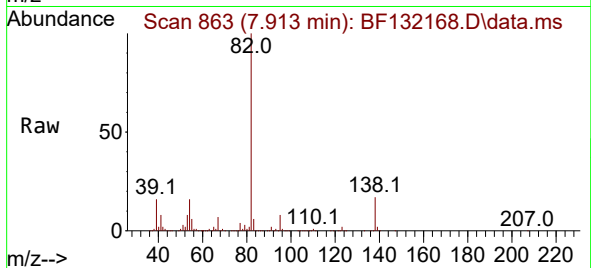
#25
Isophorone
Concen: 46.414 ng
RT: 7.913 min Scan# 863
Delta R.T. 0.006 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

Instrument :

BNA_F

ClientSampleId :

B-04-SB02MS

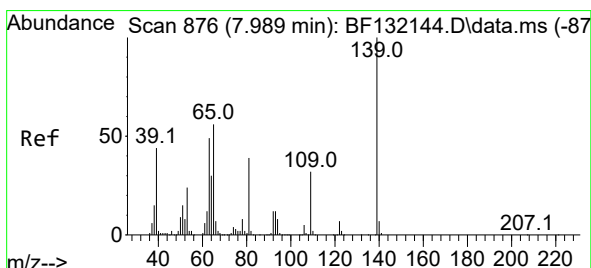
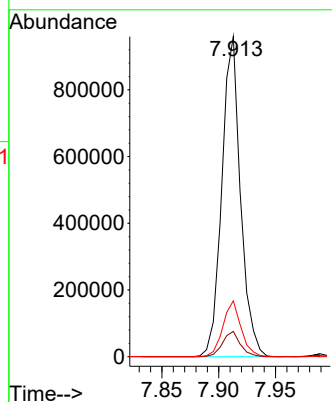
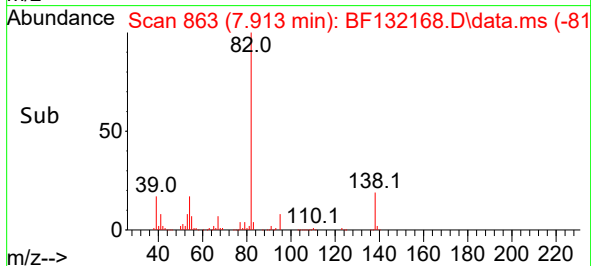


Tgt Ion: 82 Resp: 1098190
Ion Ratio Lower Upper
82 100
95 7.9 6.2 9.2
138 17.4 12.9 19.3

Manual Integrations

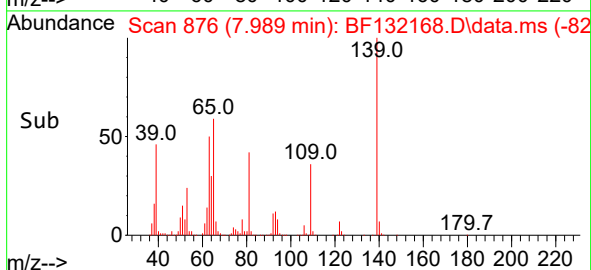
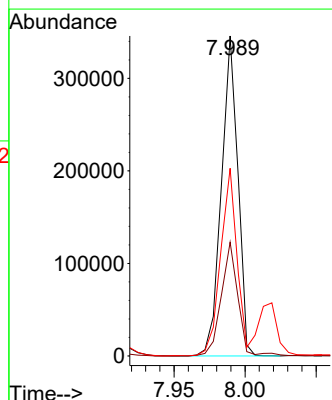
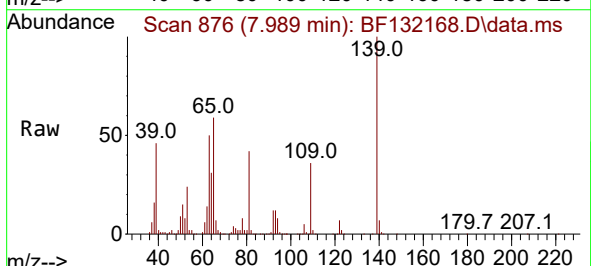
APPROVED

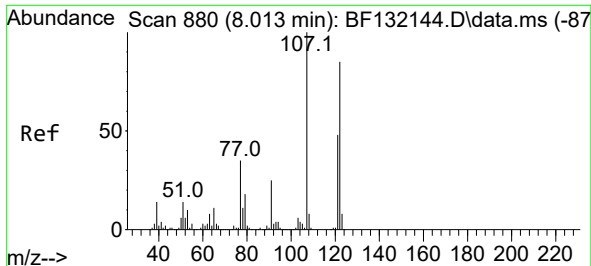
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#26
2-Nitrophenol
Concen: 56.676 ng
RT: 7.989 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

Tgt Ion:139 Resp: 278422
Ion Ratio Lower Upper
139 100
109 35.6 25.8 38.8
65 58.6 44.6 66.8





#27

2,4-Dimethylphenol

Concen: 48.290 ng

RT: 8.019 min Scan# 880

Delta R.T. 0.006 min

Lab File: BF132168.D

Acq: 20 Jan 2023 18:56

Instrument :

BNA_F

ClientSampleId :

B-04-SB02MS

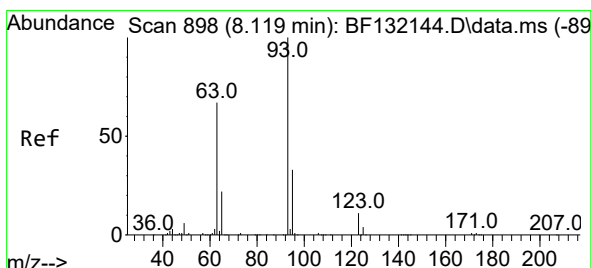
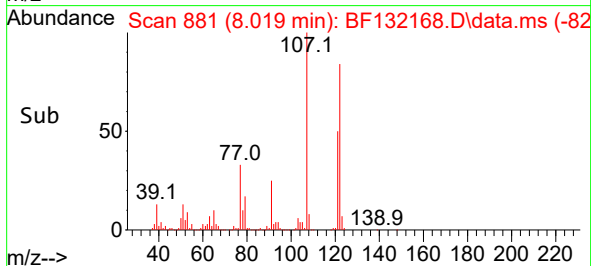
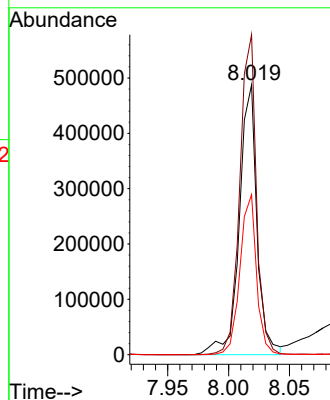
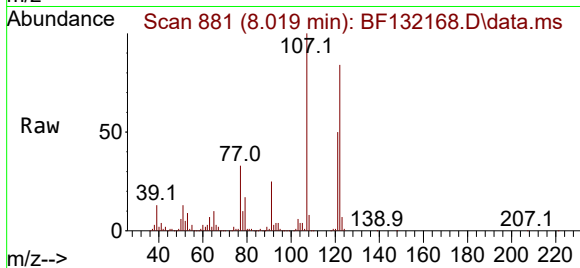
Tgt Ion:122 Resp: 49440

Ion	Ratio	Lower	Upper
122	100		
107	118.6	94.2	141.4
121	59.3	45.6	68.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#28

bis(2-Chloroethoxy)methane

Concen: 44.133 ng

RT: 8.119 min Scan# 898

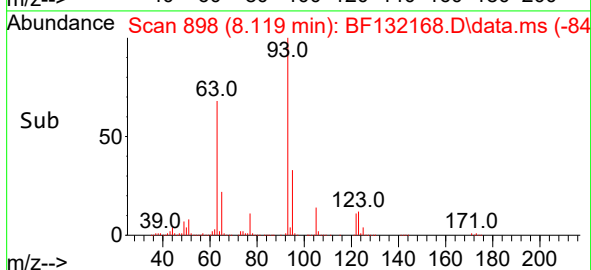
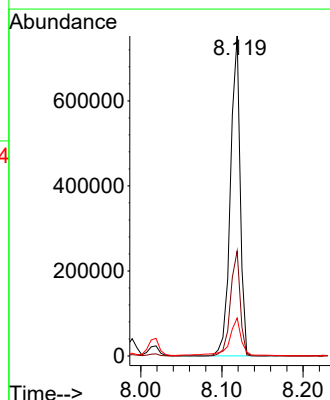
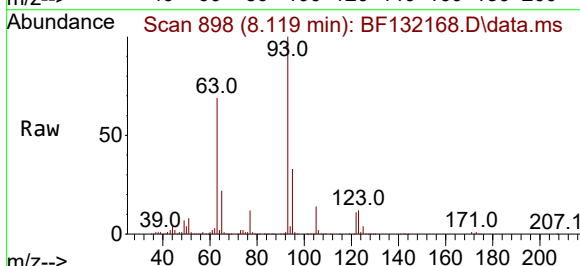
Delta R.T. -0.000 min

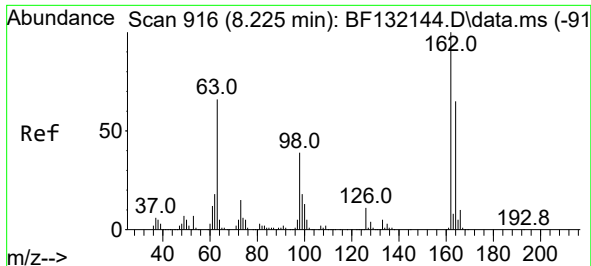
Lab File: BF132168.D

Acq: 20 Jan 2023 18:56

Tgt Ion: 93 Resp: 626529

Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.2	39.2
123	11.9	9.1	13.7





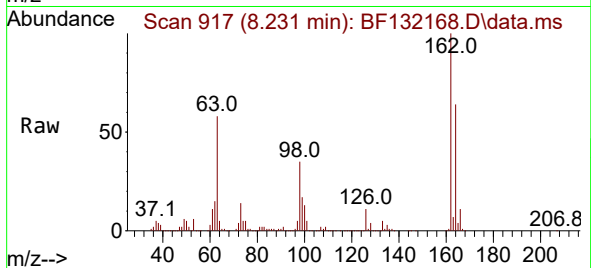
#29
2,4-Dichlorophenol
Concen: 47.848 ng
RT: 8.231 min Scan# 916
Delta R.T. 0.006 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

Instrument :

BNA_F

ClientSampleId :

B-04-SB02MS

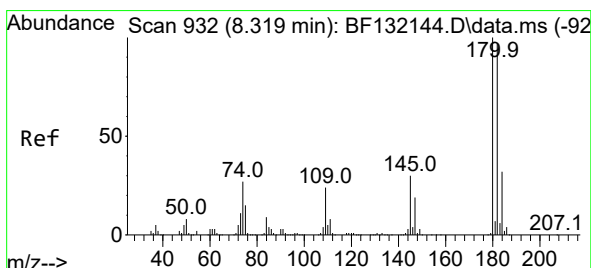
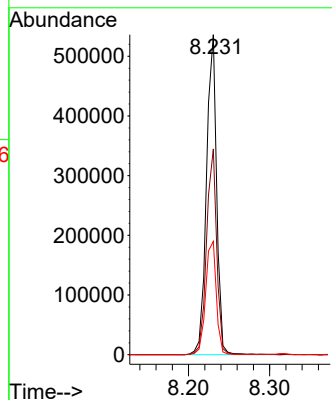
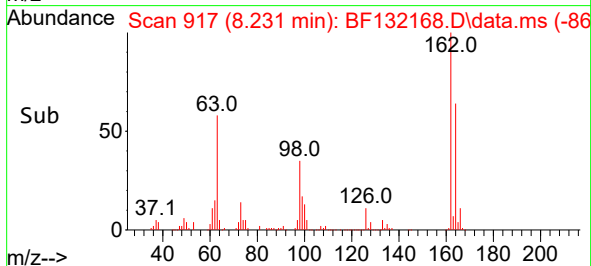


Tgt Ion:162 Resp: 465080
Ion Ratio Lower Upper
162 100
164 64.3 44.7 84.7
98 35.4 18.8 58.8

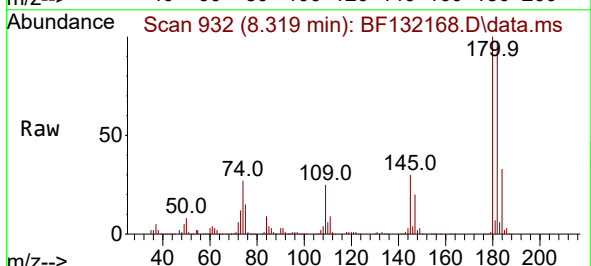
Manual Integrations

APPROVED

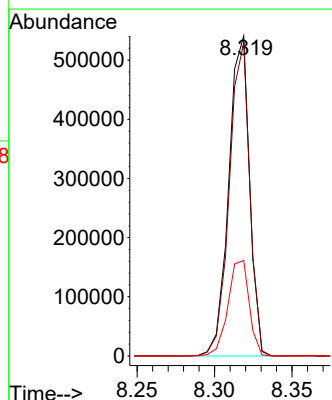
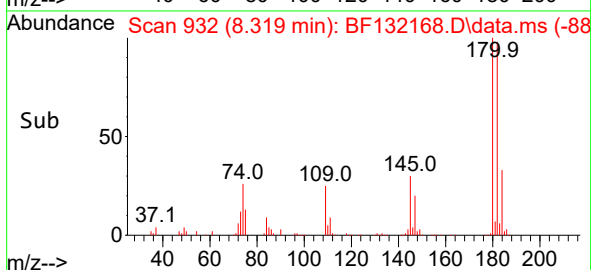
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

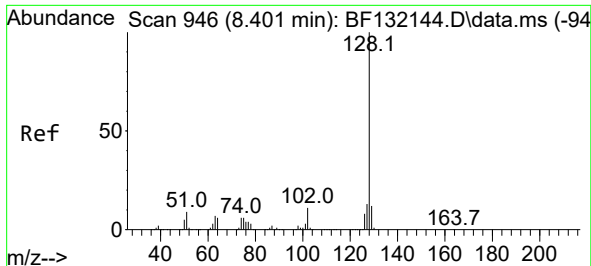


#30
1,2,4-Trichlorobenzene
Concen: 45.680 ng
RT: 8.319 min Scan# 932
Delta R.T. -0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56



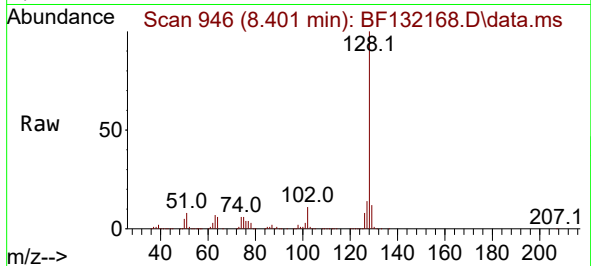
Tgt Ion:180 Resp: 504315
Ion Ratio Lower Upper
180 100
182 98.0 77.4 116.0
145 29.9 23.8 35.6





#31
Naphthalene
Concen: 44.390 ng
RT: 8.401 min Scan# 946
Delta R.T. 0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

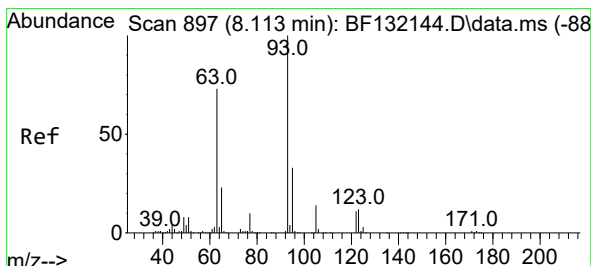
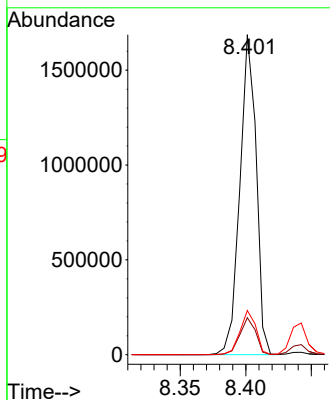
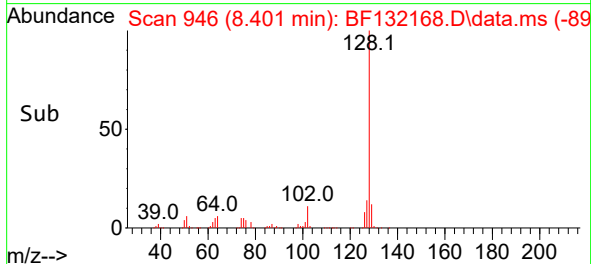
Instrument :
BNA_F
ClientSampleId :
B-04-SB02MS



Tgt Ion:128 Resp: 146452
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.8 10.6 15.8

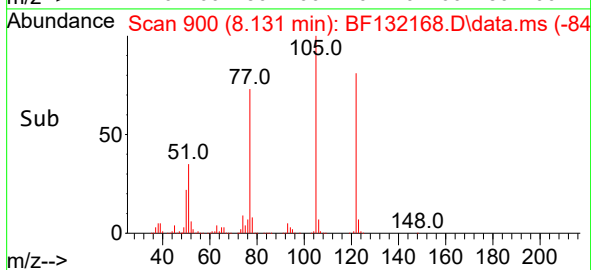
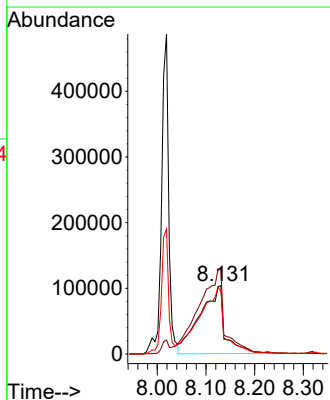
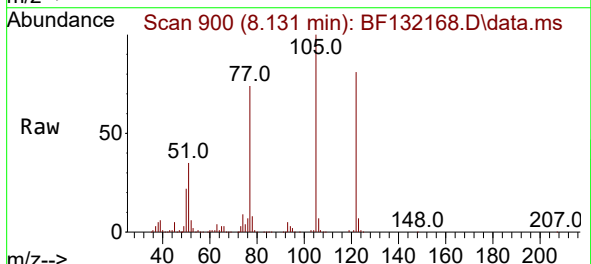
Manual Integrations
APPROVED

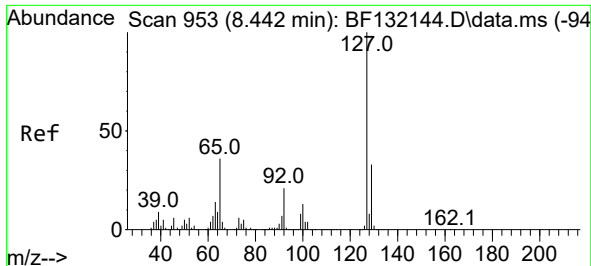
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#32
Benzoic acid
Concen: 53.119 ng
RT: 8.131 min Scan# 900
Delta R.T. 0.018 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

Tgt Ion:122 Resp: 369968
Ion Ratio Lower Upper
122 100
105 123.5 96.8 136.8
77 92.0 72.5 112.5





#33
4-Chloroaniline
Concen: 10.897 ng
RT: 8.442 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

Instrument :

BNA_F

ClientSampleId :

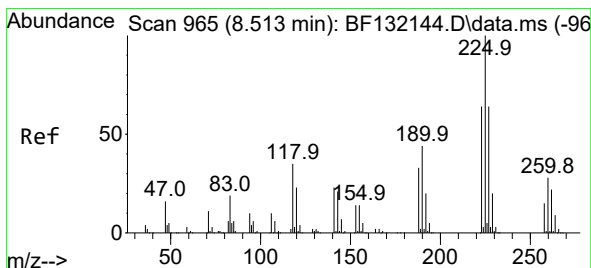
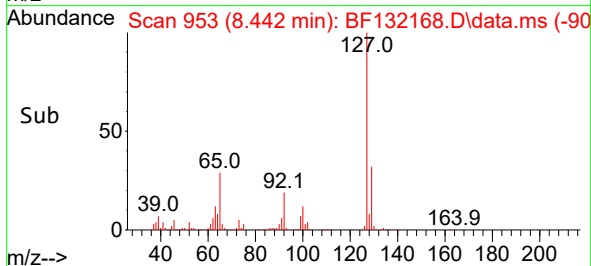
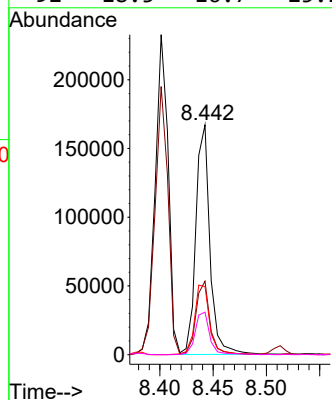
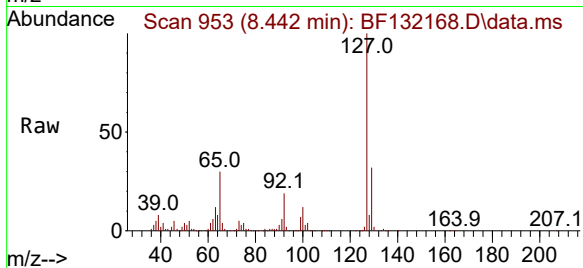
B-04-SB02MS

Tgt Ion:127 Resp: 153840
Ion Ratio Lower Upper
127 100
129 32.0 26.0 39.0
65 29.7 28.4 42.6
92 18.5 16.7 25.1

Manual Integrations

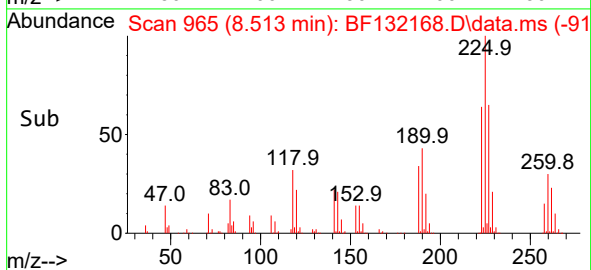
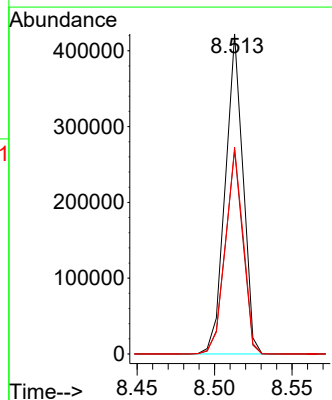
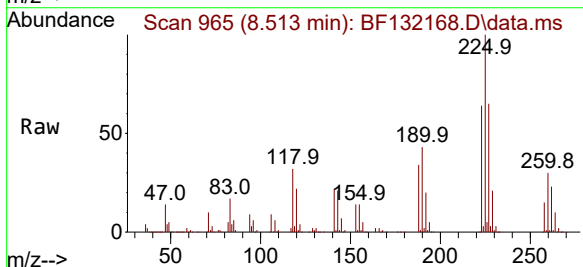
APPROVED

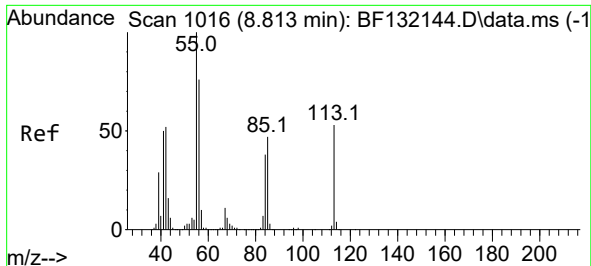
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#34
Hexachlorobutadiene
Concen: 45.308 ng
RT: 8.513 min Scan# 965
Delta R.T. -0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

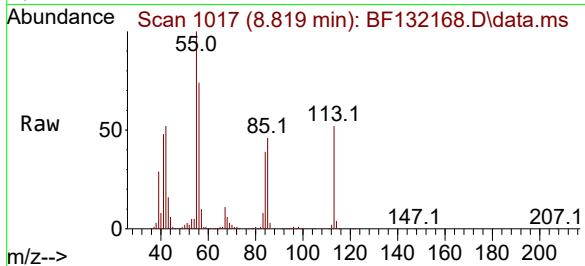
Tgt Ion:225 Resp: 336023
Ion Ratio Lower Upper
225 100
223 63.8 50.9 76.3
227 64.5 50.8 76.2





#35
Caprolactam
Concen: 56.525 ng m
RT: 8.819 min Scan# 1016
Delta R.T. 0.006 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

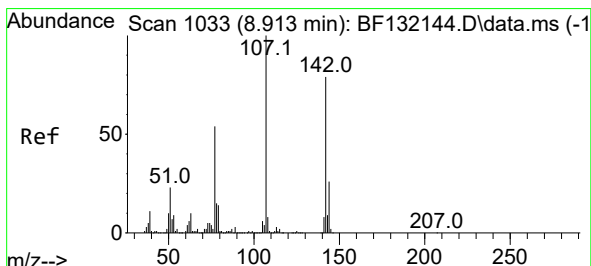
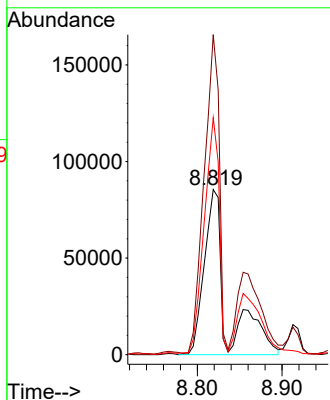
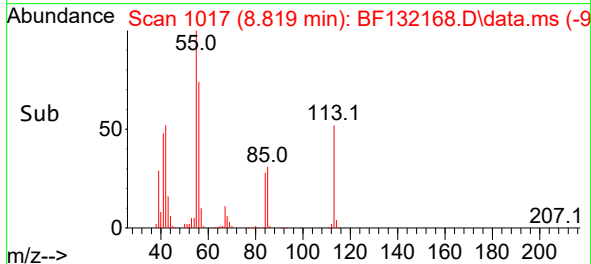
Instrument :
BNA_F
ClientSampleId :
B-04-SB02MS



Tgt Ion:113 Resp: 155804
Ion Ratio Lower Upper
113 100
55 193.8 167.5 207.5
56 143.5 122.0 162.0

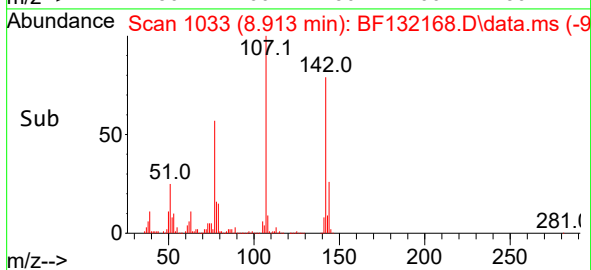
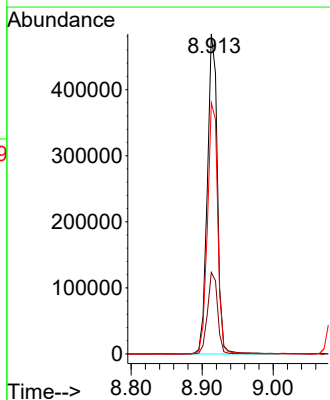
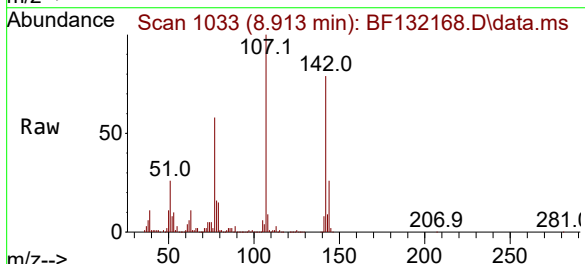
Manual Integrations
APPROVED

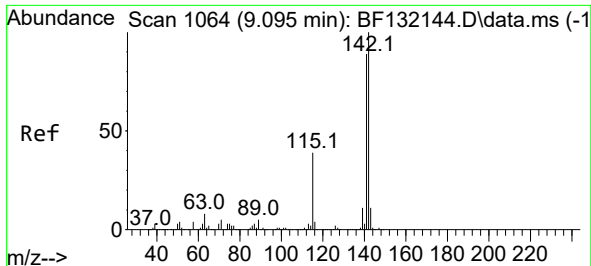
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#36
4-Chloro-3-methylphenol
Concen: 48.735 ng
RT: 8.913 min Scan# 1033
Delta R.T. -0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

Tgt Ion:107 Resp: 476700
Ion Ratio Lower Upper
107 100
144 25.5 21.0 31.4
142 78.5 63.6 95.4





#37
2-Methylnaphthalene
Concen: 42.402 ng
RT: 9.095 min Scan# 1064
Delta R.T. -0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

Instrument :

BNA_F

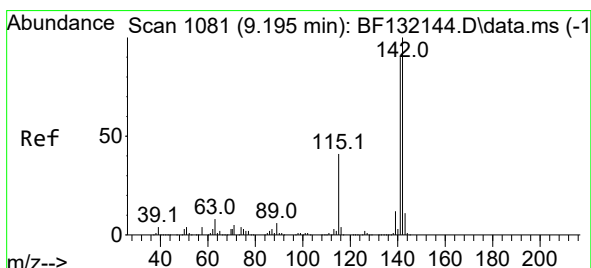
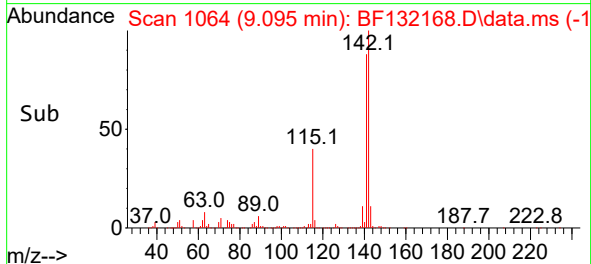
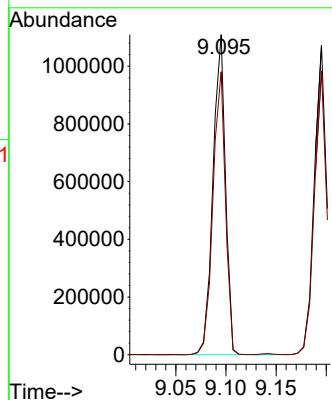
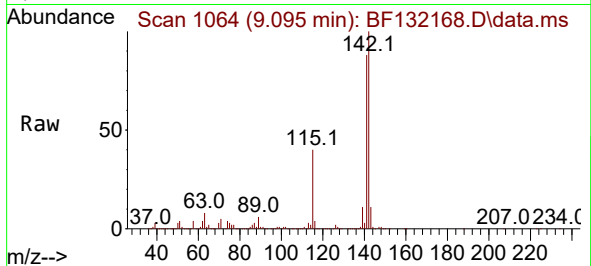
ClientSampleId :

B-04-SB02MS

Tgt Ion:142 Resp: 96316
Ion Ratio Lower Upper
142 100
141 88.4 71.1 106.7

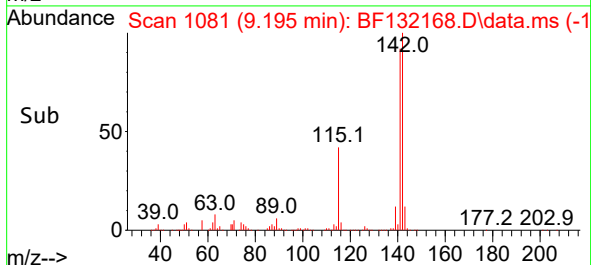
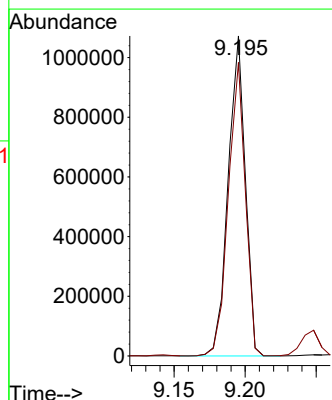
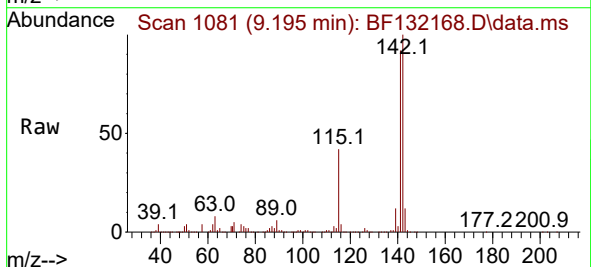
Manual Integrations
APPROVED

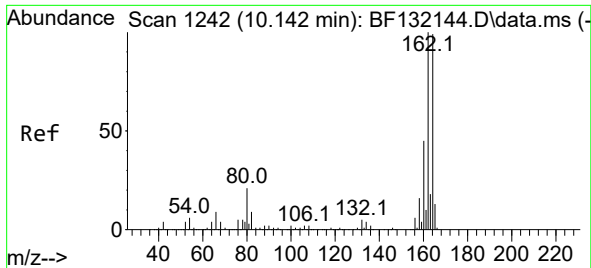
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#38
1-Methylnaphthalene
Concen: 42.440 ng
RT: 9.195 min Scan# 1081
Delta R.T. 0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

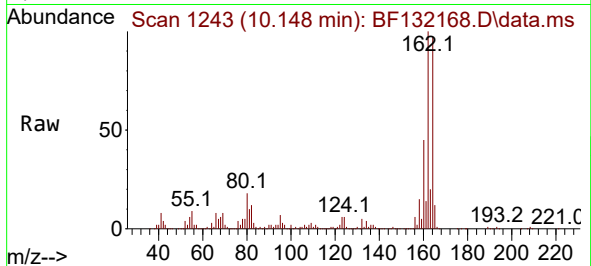
Tgt Ion:142 Resp: 896976
Ion Ratio Lower Upper
142 100
141 91.7 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.148 min Scan# 1242
Delta R.T. 0.006 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

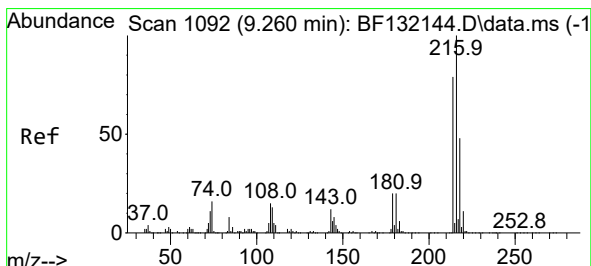
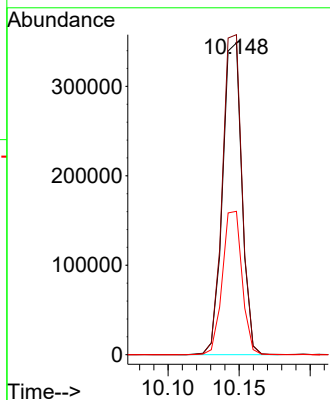
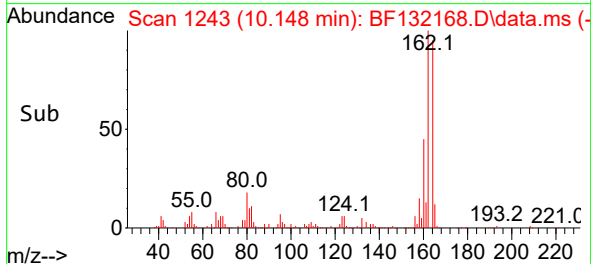
Instrument :
BNA_F
ClientSampleId :
B-04-SB02MS



Tgt Ion:164 Resp: 32919
Ion Ratio Lower Upper
164 100
162 102.6 81.2 121.8
160 46.0 36.9 55.3

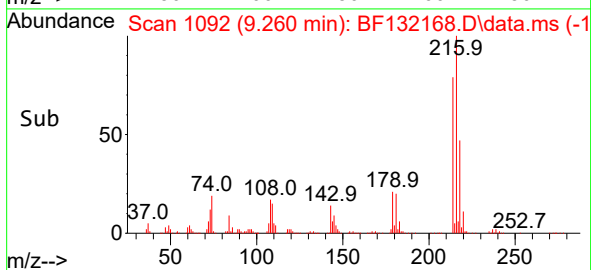
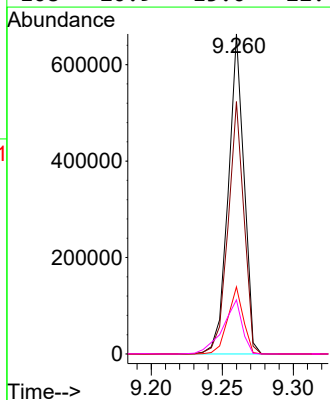
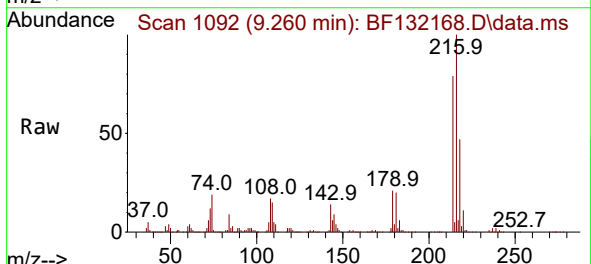
Manual Integrations
APPROVED

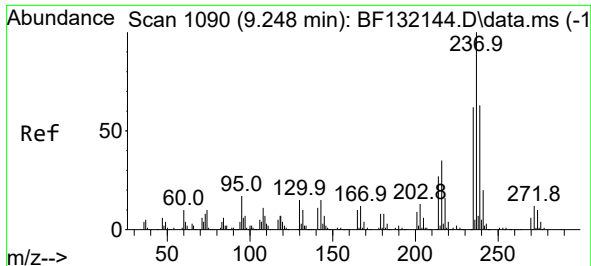
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.688 ng
RT: 9.260 min Scan# 1092
Delta R.T. -0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

Tgt Ion:216 Resp: 511837
Ion Ratio Lower Upper
216 100
214 78.7 63.1 94.7
179 20.6 16.6 24.8
108 20.9 15.0 22.4





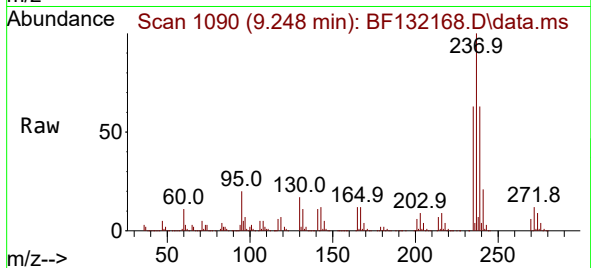
#41
Hexachlorocyclopentadiene
Concen: 104.071 ng
RT: 9.248 min Scan# 1090
Delta R.T. 0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

Instrument :

BNA_F

ClientSampleId :

B-04-SB02MS

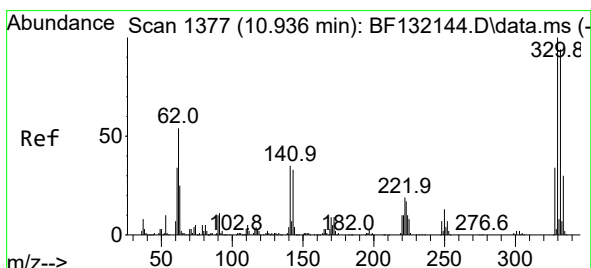
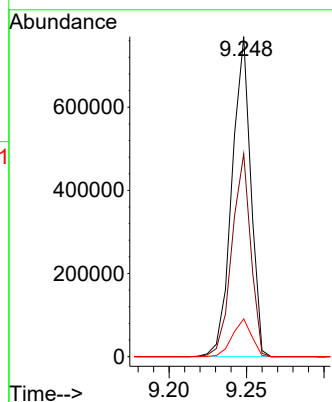
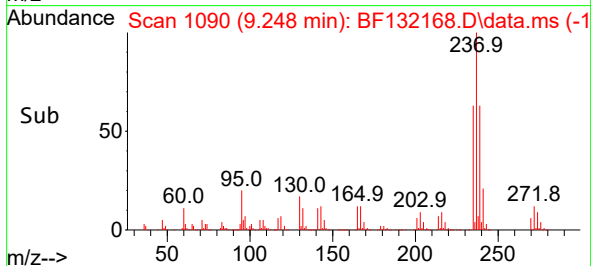


Tgt Ion:237 Resp: 650462
Ion Ratio Lower Upper
237 100
235 63.4 41.7 81.7
272 11.8 0.0 32.3

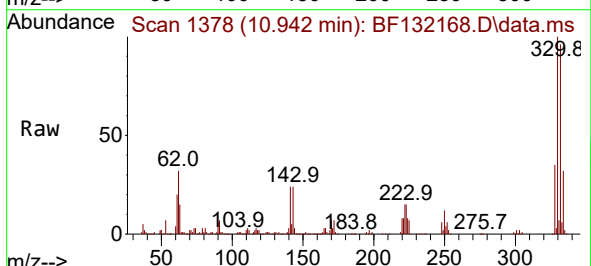
Manual Integrations

APPROVED

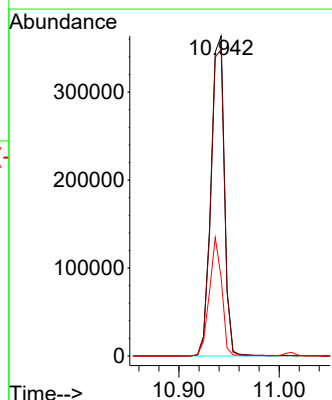
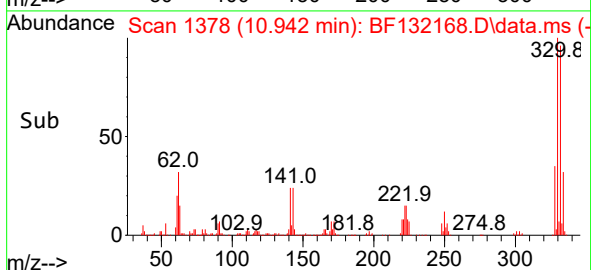
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

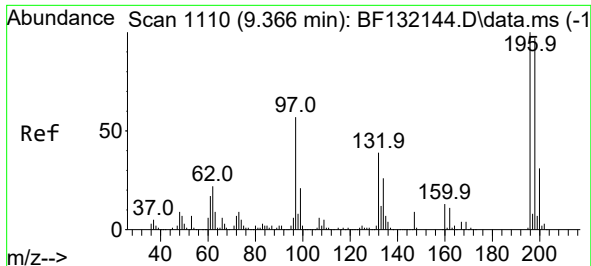


#42
2,4,6-Tribromophenol
Concen: 96.673 ng
RT: 10.942 min Scan# 1378
Delta R.T. 0.006 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56



Tgt Ion:330 Resp: 339928
Ion Ratio Lower Upper
330 100
332 96.8 75.6 113.4
141 34.1 27.1 40.7





#43

2,4,6-Trichlorophenol

Concen: 50.303 ng

RT: 9.366 min Scan# 1110

Delta R.T. -0.000 min

Lab File: BF132168.D

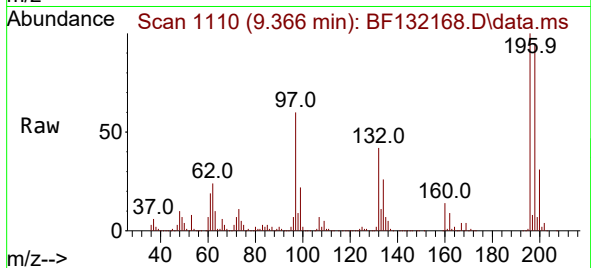
Acq: 20 Jan 2023 18:56

Instrument :

BNA_F

ClientSampleId :

B-04-SB02MS



Tgt Ion:196 Resp: 357560

Ion Ratio Lower Upper

196 100

198 95.0 77.4 116.2

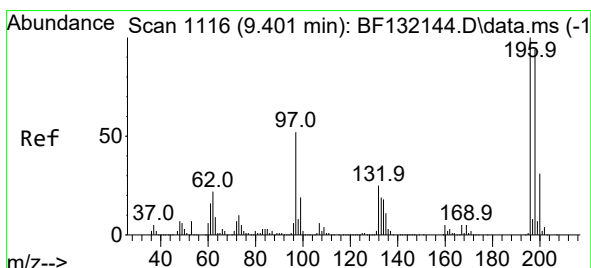
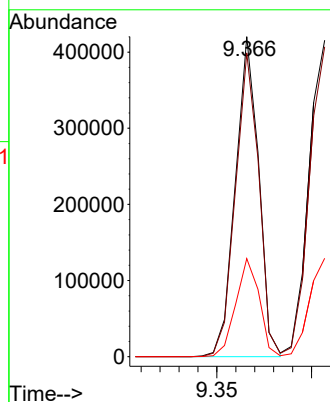
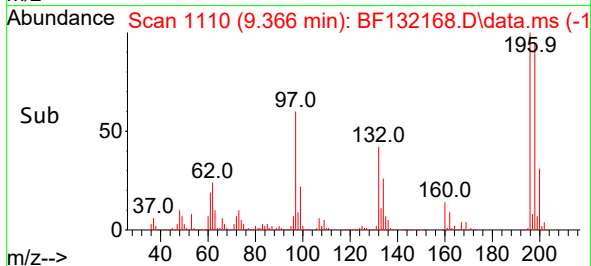
200 30.6 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#44

2,4,5-Trichlorophenol

Concen: 46.231 ng

RT: 9.407 min Scan# 1117

Delta R.T. 0.006 min

Lab File: BF132168.D

Acq: 20 Jan 2023 18:56

Tgt Ion:196 Resp: 384342

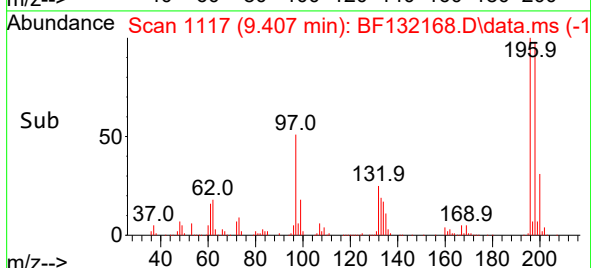
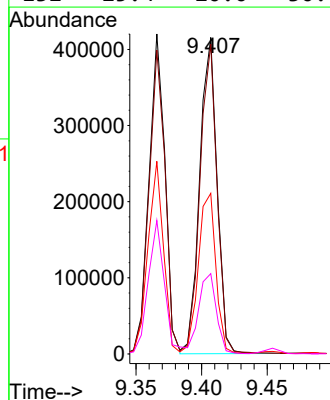
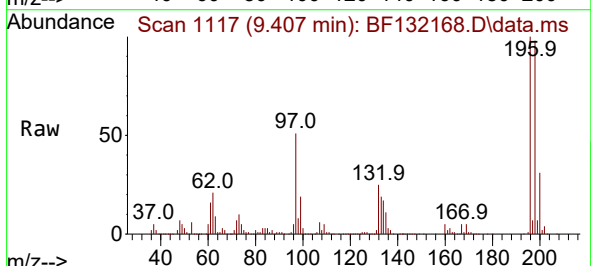
Ion Ratio Lower Upper

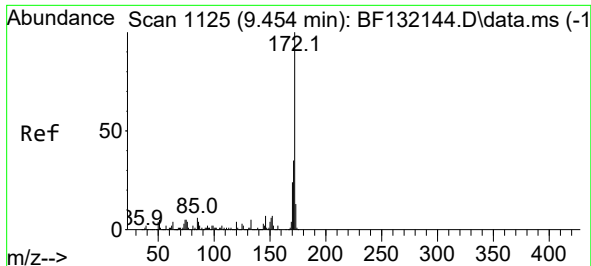
196 100

198 97.9 75.3 112.9

97 50.8 41.3 61.9

132 25.4 20.0 30.0





#45
2-Fluorobiphenyl
Concen: 54.735 ng
RT: 9.454 min Scan# 1125
Delta R.T. 0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

Instrument :

BNA_F

ClientSampleId :

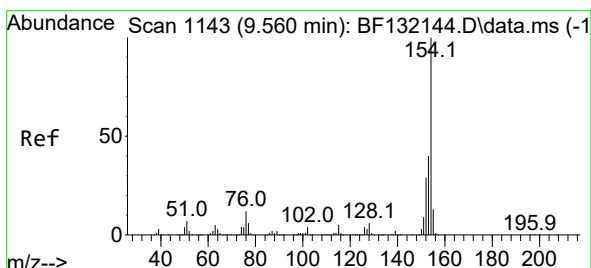
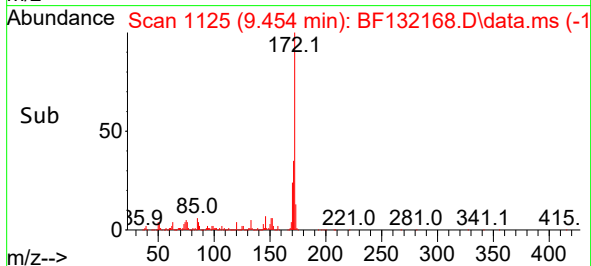
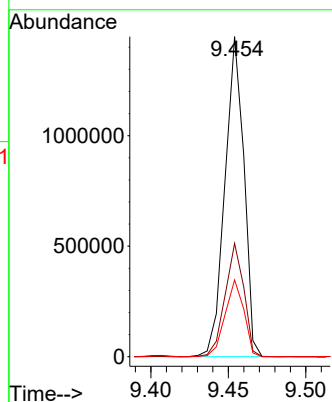
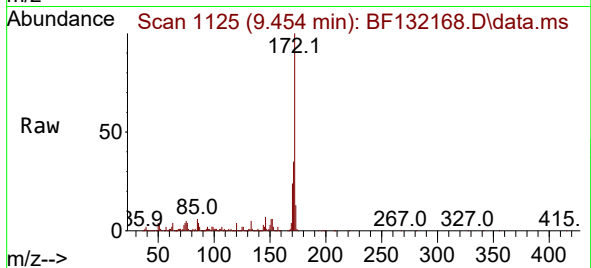
B-04-SB02MS

Tgt Ion:172 Resp: 1233089
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 24.0 19.6 29.4

Manual Integrations

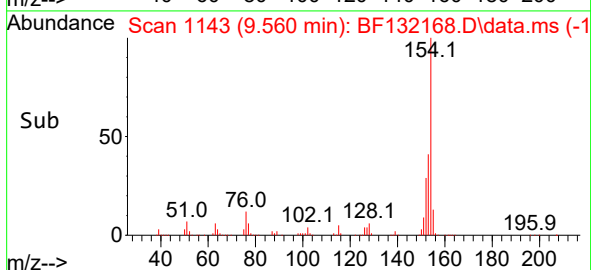
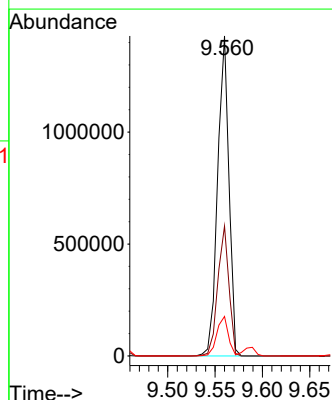
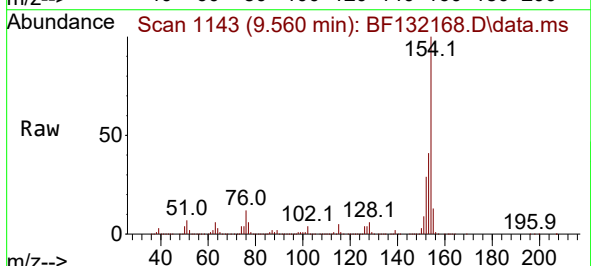
APPROVED

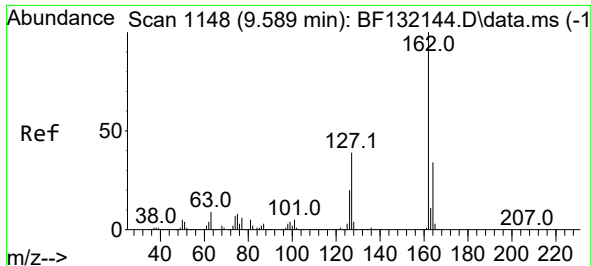
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#46
1,1'-Biphenyl
Concen: 45.496 ng
RT: 9.560 min Scan# 1143
Delta R.T. -0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

Tgt Ion:154 Resp: 1181561
Ion Ratio Lower Upper
154 100
153 40.6 20.2 60.2
76 12.3 0.0 32.2





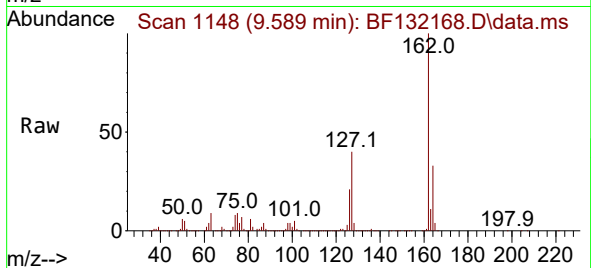
#47
2-Chloronaphthalene
Concen: 46.366 ng
RT: 9.589 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

Instrument :

BNA_F

ClientSampleId :

B-04-SB02MS

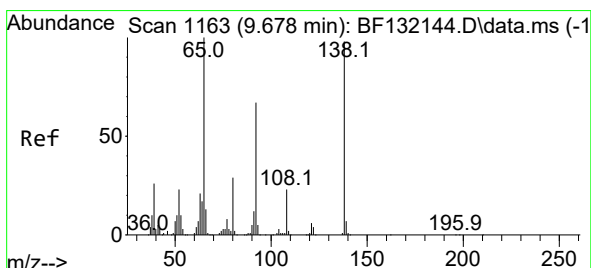
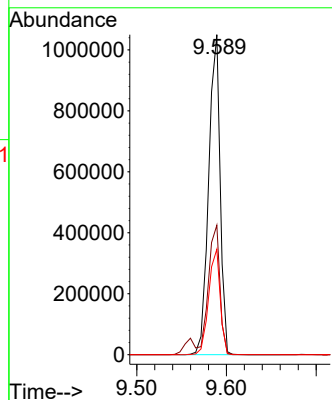
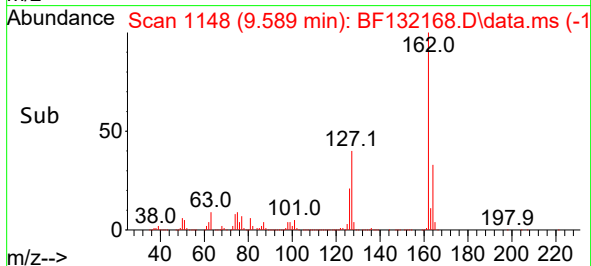


Tgt Ion:162 Resp: 93085
Ion Ratio Lower Upper
162 100
127 40.5 31.1 46.7
164 33.0 26.9 40.3

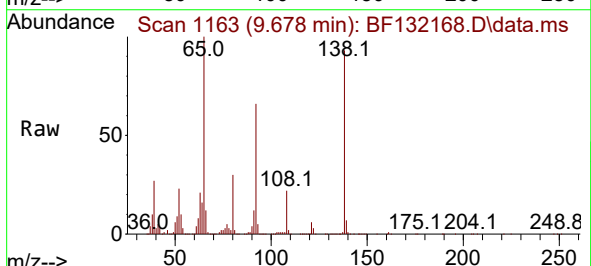
Manual Integrations

APPROVED

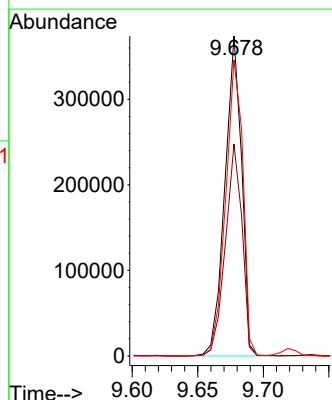
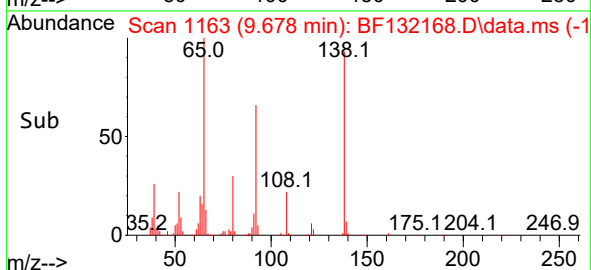
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

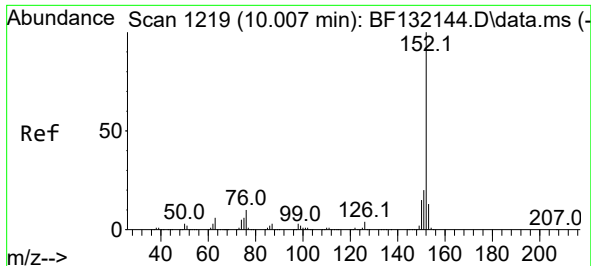


#48
2-Nitroaniline
Concen: 51.236 ng
RT: 9.678 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56



Tgt Ion: 65 Resp: 330105
Ion Ratio Lower Upper
65 100
92 66.2 53.8 80.6
138 92.5 78.7 118.1





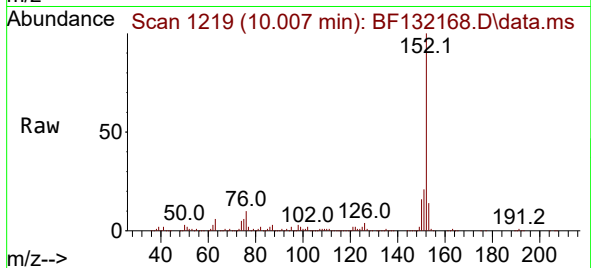
#49
Acenaphthylene
Concen: 43.730 ng
RT: 10.007 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

Instrument :

BNA_F

ClientSampleId :

B-04-SB02MS

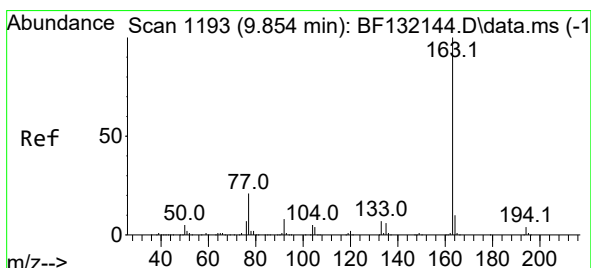
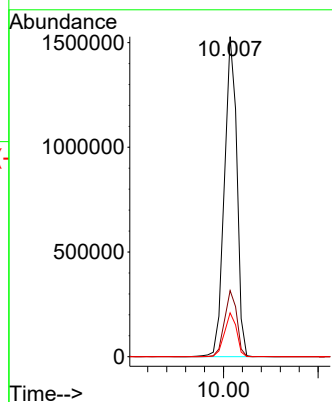
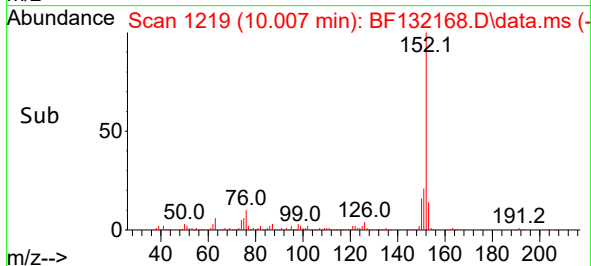


Tgt Ion:152 Resp: 1404459
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6
153 13.7 10.6 15.8

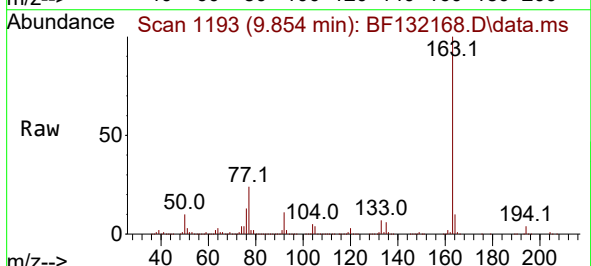
Manual Integrations

APPROVED

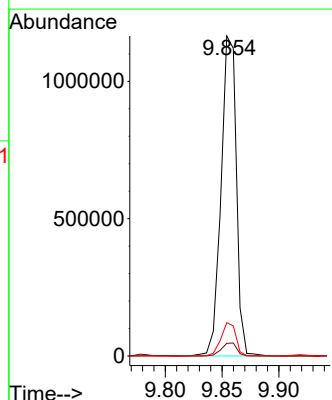
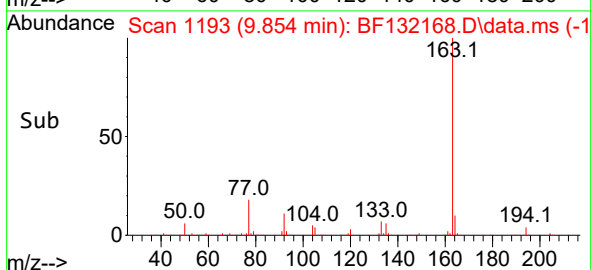
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

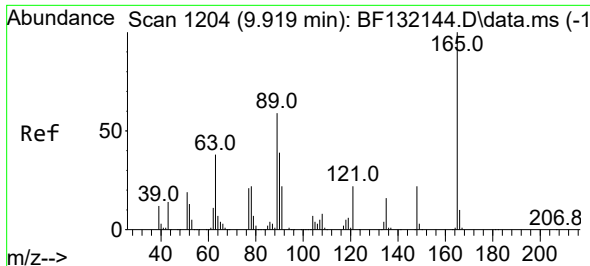


#50
Dimethylphthalate
Concen: 45.978 ng
RT: 9.854 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56



Tgt Ion:163 Resp: 1096201
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.4 8.2 12.2





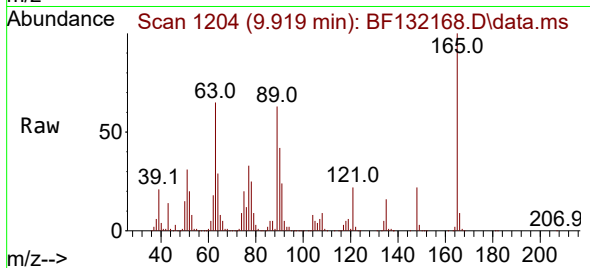
#51
2,6-Dinitrotoluene
Concen: 55.211 ng
RT: 9.919 min Scan# 1204
Delta R.T. -0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

Instrument :

BNA_F

ClientSampleId :

B-04-SB02MS

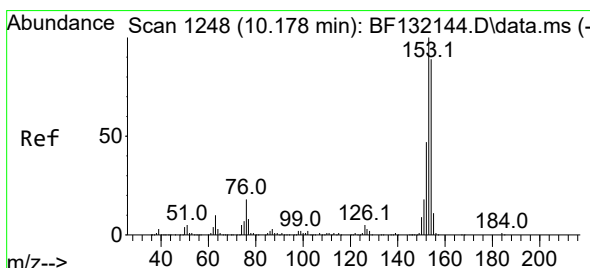
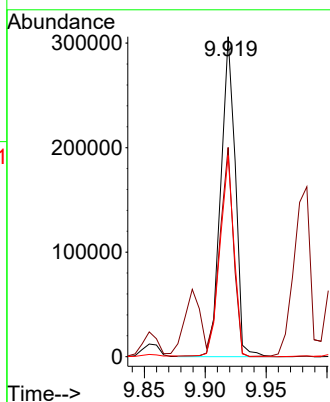
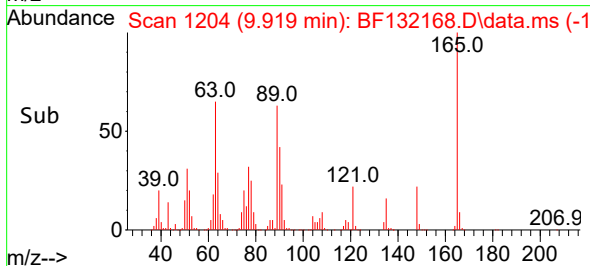


Tgt Ion:165 Resp: 25514
Ion Ratio Lower Upper
165 100
63 65.4 46.6 70.0
89 62.9 47.4 71.2

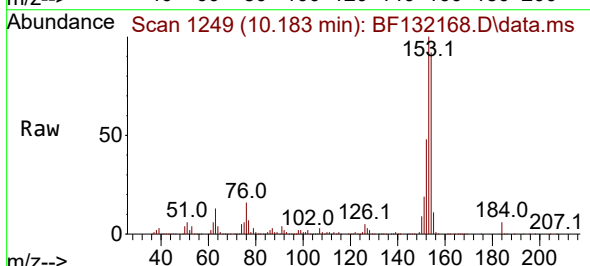
Manual Integrations

APPROVED

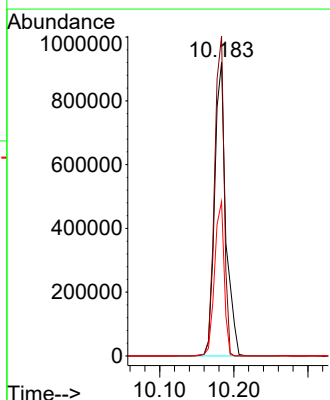
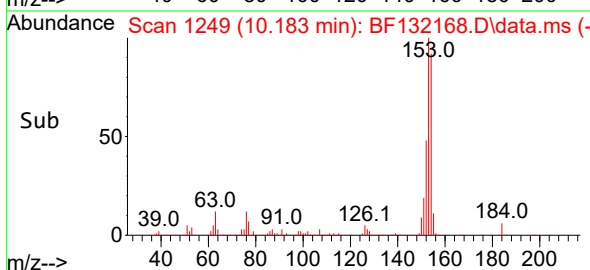
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

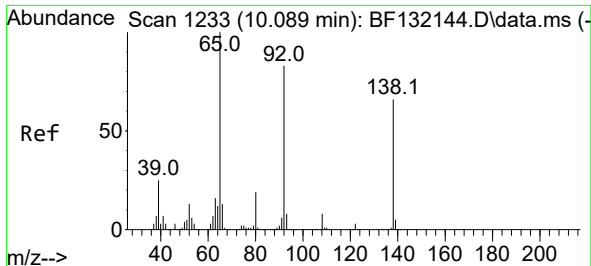


#52
Acenaphthene
Concen: 50.183 ng
RT: 10.183 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56



Tgt Ion:154 Resp: 969450
Ion Ratio Lower Upper
154 100
153 109.0 89.8 134.8
152 52.5 42.3 63.5





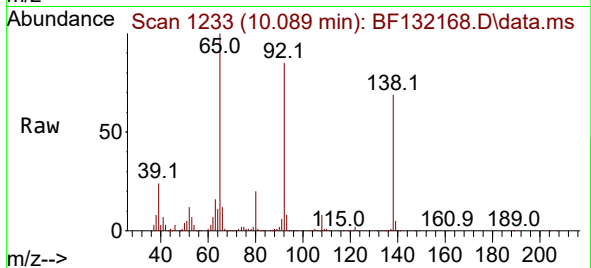
#53
3-Nitroaniline
Concen: 31.316 ng
RT: 10.089 min Scan# 1233
Delta R.T. -0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

Instrument :

BNA_F

ClientSampleId :

B-04-SB02MS

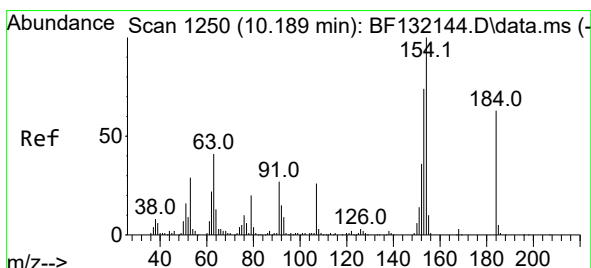
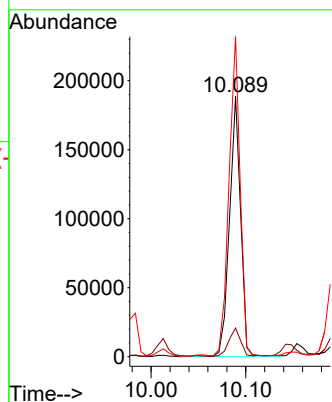
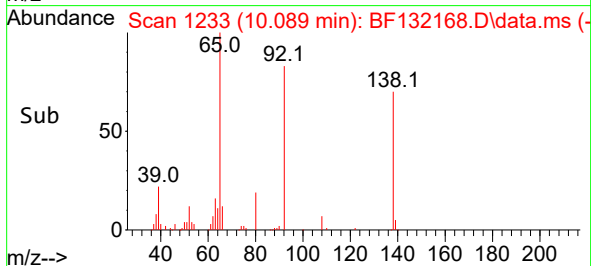


Tgt Ion:138 Resp: 154725
Ion Ratio Lower Upper
138 100
108 11.0 9.1 13.7
92 122.9 101.2 151.8

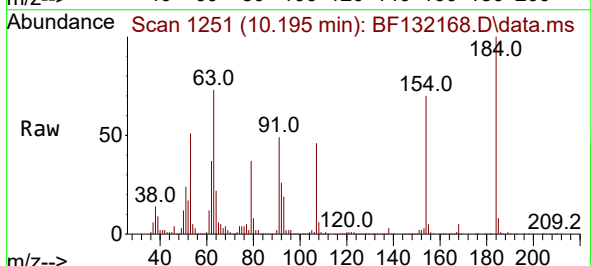
Manual Integrations

APPROVED

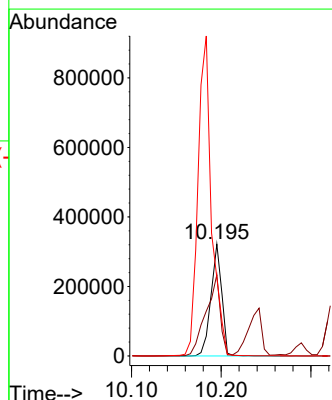
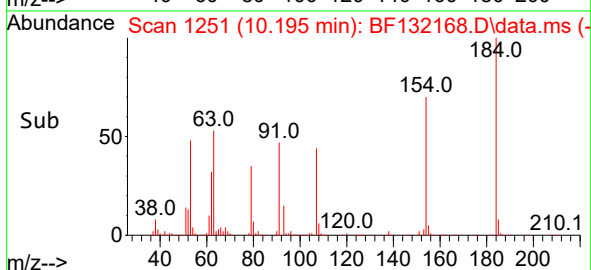
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

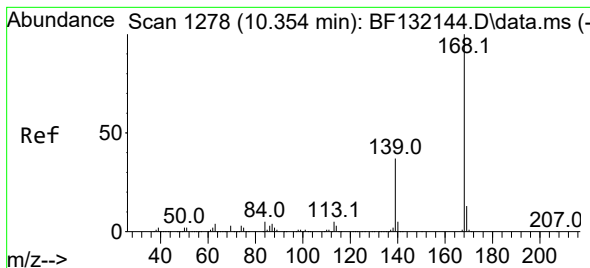


#54
2,4-Dinitrophenol
Concen: 122.367 ng
RT: 10.195 min Scan# 1251
Delta R.T. 0.006 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56



Tgt Ion:184 Resp: 270537
Ion Ratio Lower Upper
184 100
63 72.6 53.2 79.8
154 70.0 129.4 194.0#





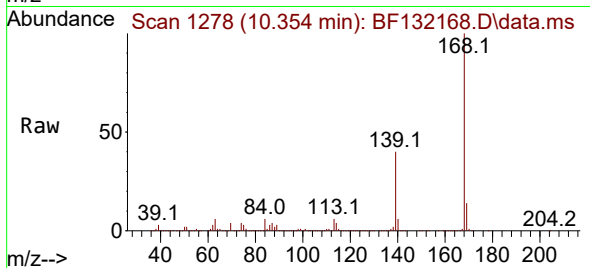
#55
Dibenzenofuran
Concen: 44.263 ng
RT: 10.354 min Scan# 1278
Delta R.T. -0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

Instrument :

BNA_F

ClientSampleId :

B-04-SB02MS

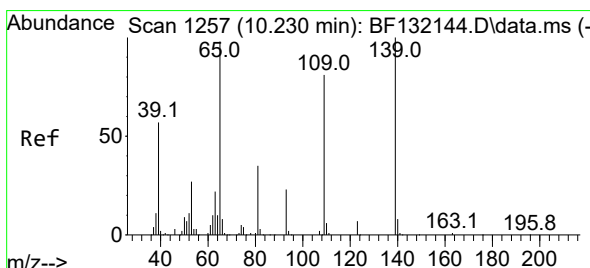
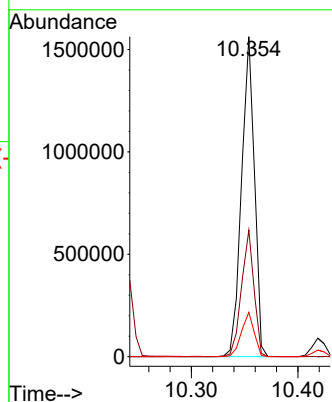
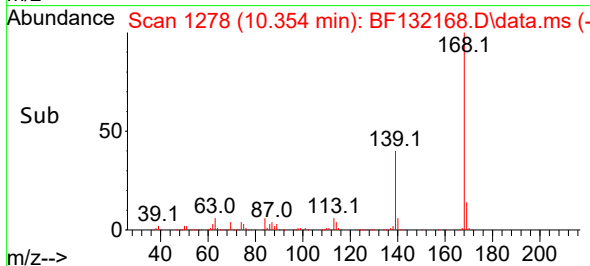


Tgt Ion:168 Resp: 132144
Ion Ratio Lower Upper
168 100
139 39.6 29.8 44.8
169 13.8 10.3 15.5

Manual Integrations

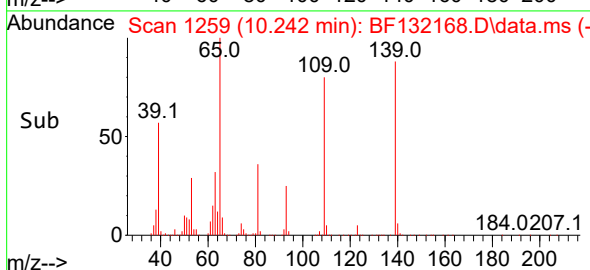
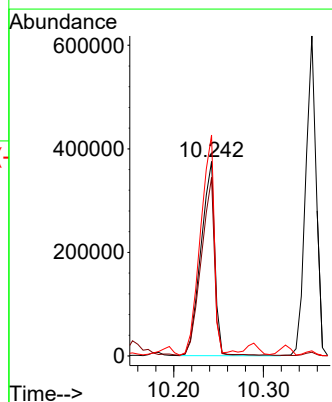
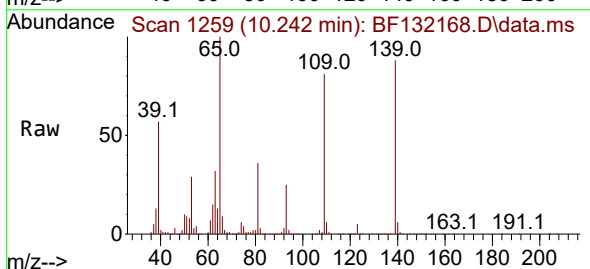
APPROVED

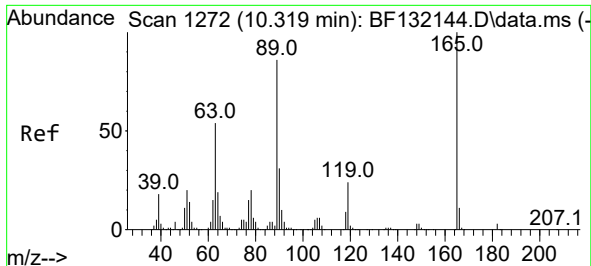
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#56
4-Nitrophenol
Concen: 113.027 ng
RT: 10.242 min Scan# 1259
Delta R.T. 0.012 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

Tgt Ion:139 Resp: 406423
Ion Ratio Lower Upper
139 100
109 91.7 61.0 101.0
65 113.6 79.3 119.3





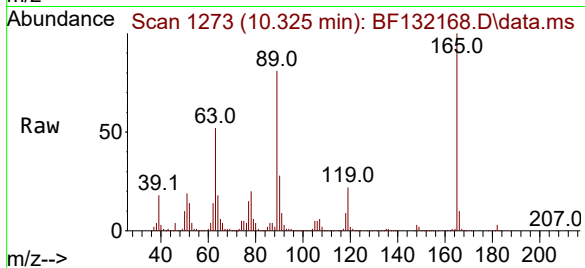
#57
2,4-Dinitrotoluene
Concen: 59.024 ng
RT: 10.325 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

Instrument :

BNA_F

ClientSampleId :

B-04-SB02MS

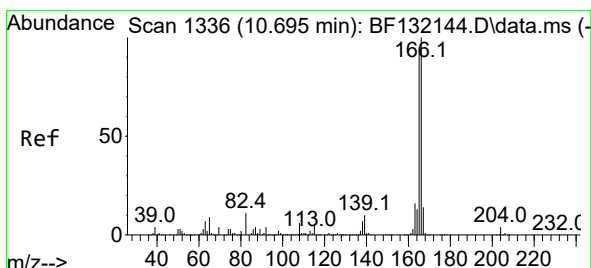
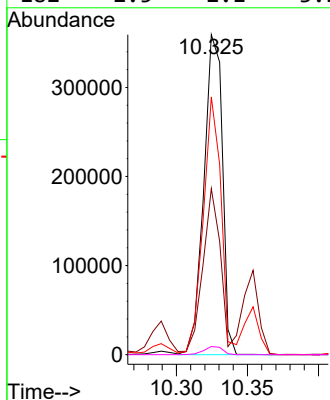
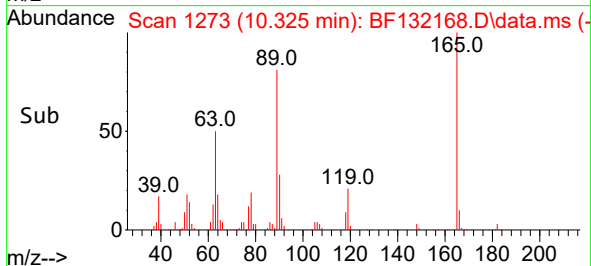


Tgt Ion:165 Resp: 327409
Ion Ratio Lower Upper
165 100
63 51.9 43.5 65.3
89 80.5 69.0 103.6
182 2.5 2.1 3.1

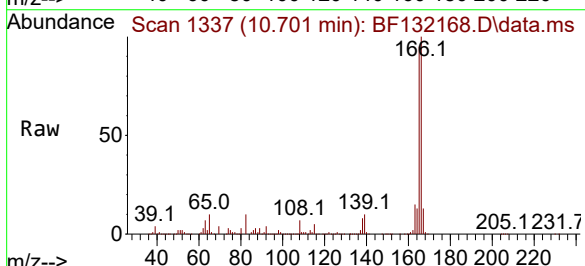
Manual Integrations

APPROVED

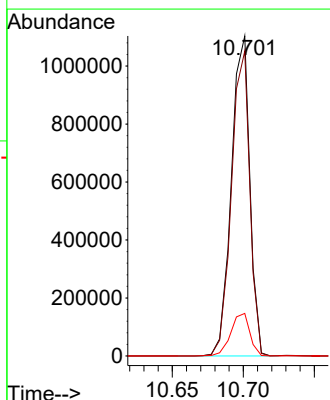
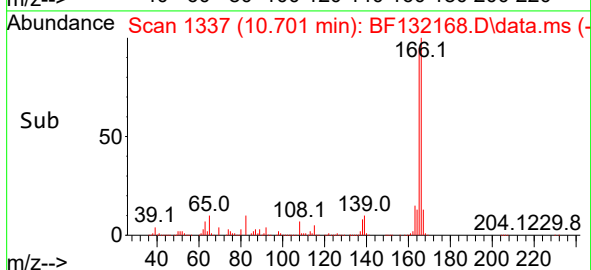
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

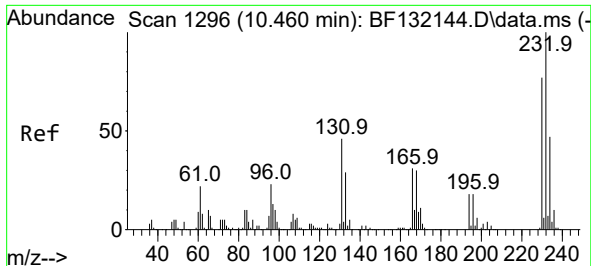


#58
Fluorene
Concen: 45.067 ng
RT: 10.701 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56



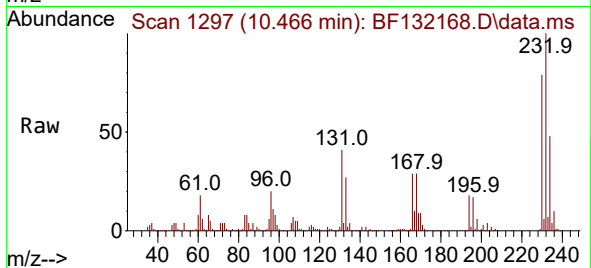
Tgt Ion:166 Resp: 996928
Ion Ratio Lower Upper
166 100
165 95.3 76.4 114.6
167 13.3 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.291 ng
RT: 10.466 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

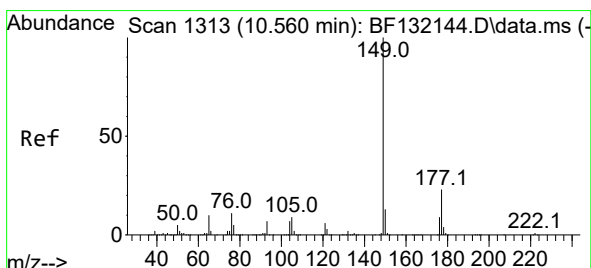
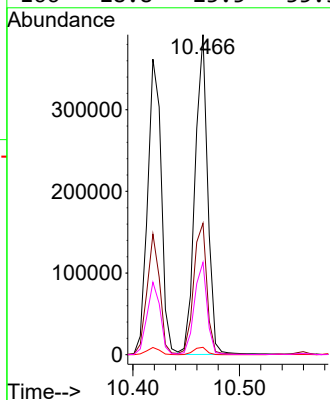
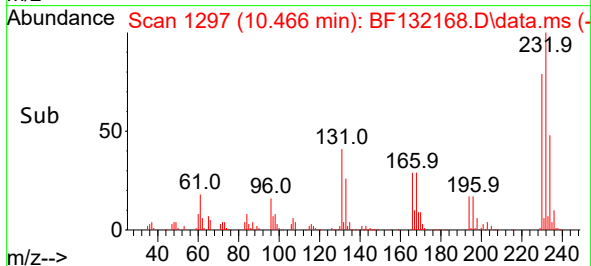
Instrument :
BNA_F
ClientSampleId :
B-04-SB02MS



Tgt Ion:232 Resp: 324362
Ion Ratio Lower Upper
232 100
131 42.7 33.8 50.6
130 2.4 1.9 2.9
166 28.8 23.5 35.3

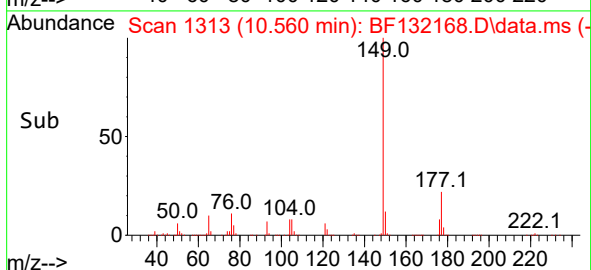
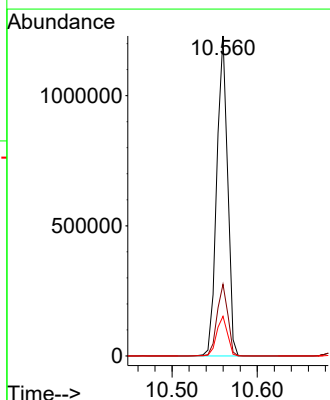
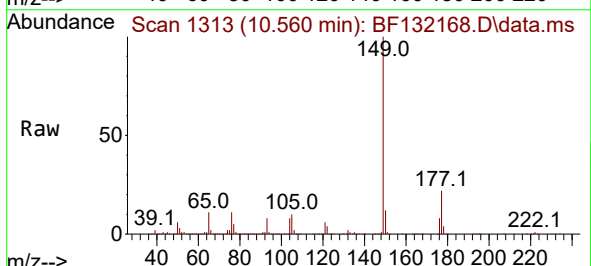
Manual Integrations
APPROVED

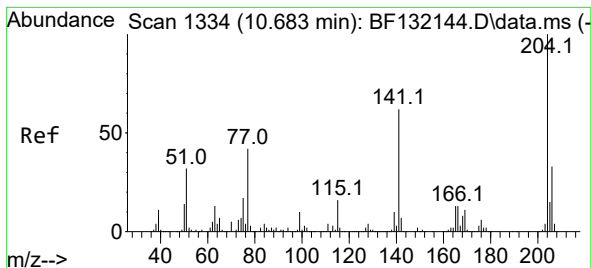
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#60
Diethylphthalate
Concen: 46.215 ng
RT: 10.560 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

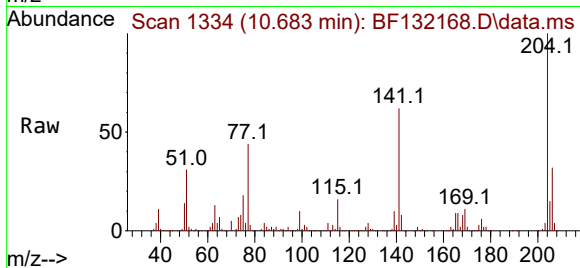
Tgt Ion:149 Resp: 1080527
Ion Ratio Lower Upper
149 100
177 22.4 18.4 27.6
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 44.332 ng
RT: 10.683 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

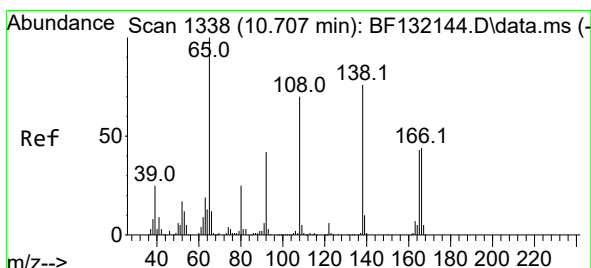
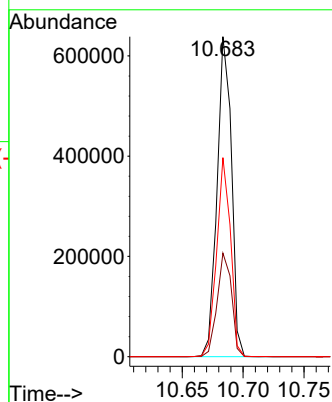
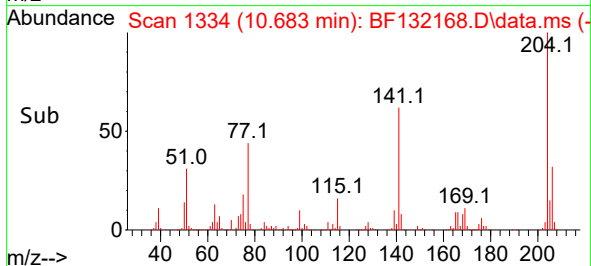
Instrument :
BNA_F
ClientSampleId :
B-04-SB02MS



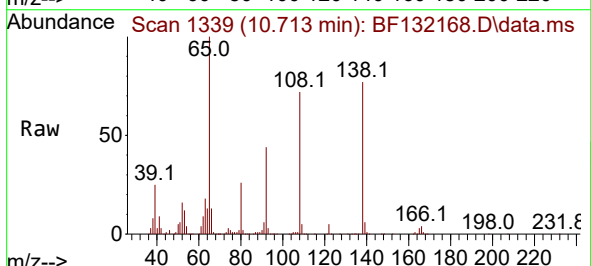
Tgt Ion:204 Resp: 52512
Ion Ratio Lower Upper
204 100
206 32.4 26.4 39.6
141 62.2 49.2 73.8

Manual Integrations
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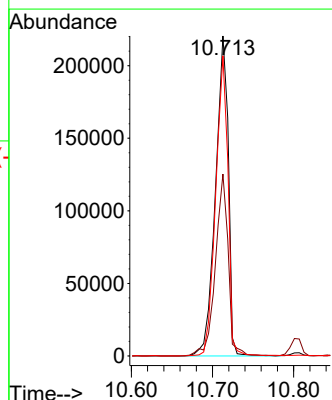
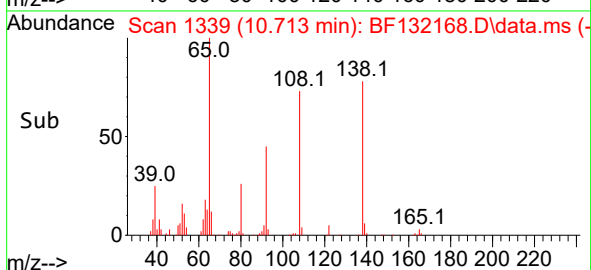
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

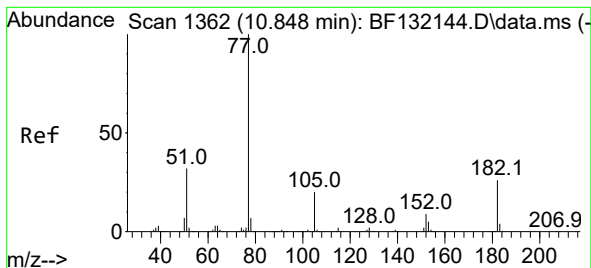


#62
4-Nitroaniline
Concen: 52.709 ng
RT: 10.713 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56



Tgt Ion:138 Resp: 242452
Ion Ratio Lower Upper
138 100
92 56.8 35.9 75.9
108 93.8 72.0 112.0





#63

Azobenzene

Concen: 48.701 ng

RT: 10.848 min Scan# 1362

Delta R.T. 0.000 min

Lab File: BF132168.D

Acq: 20 Jan 2023 18:56

Instrument :

BNA_F

ClientSampleId :

B-04-SB02MS

Tgt Ion: 77 Resp: 1142780

Ion Ratio Lower Upper

77 100

182 25.2 6.4 46.4

105 19.8 0.0 39.8

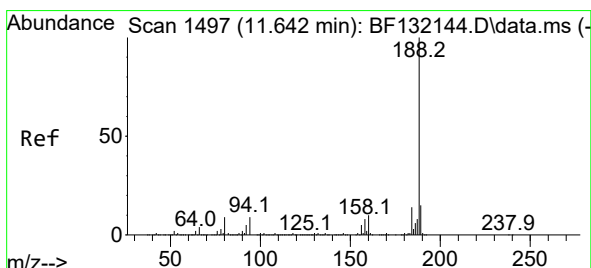
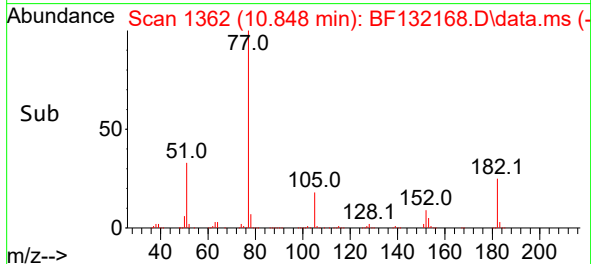
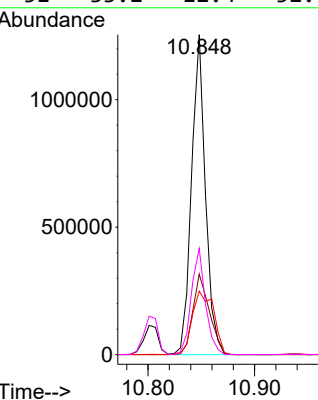
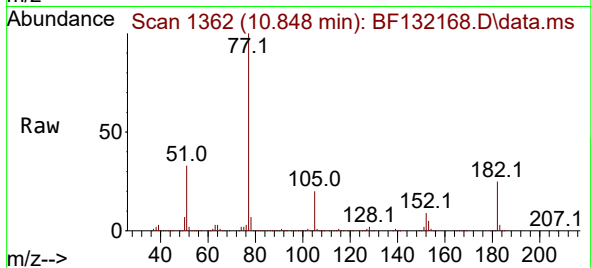
51 33.2 12.4 52.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.642 min Scan# 1497

Delta R.T. -0.000 min

Lab File: BF132168.D

Acq: 20 Jan 2023 18:56

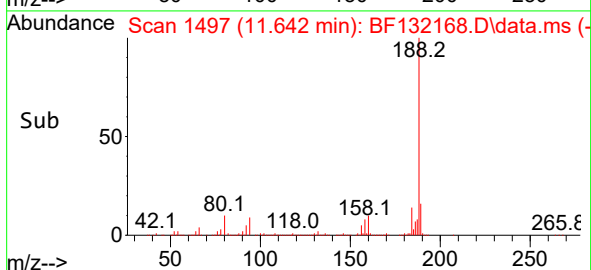
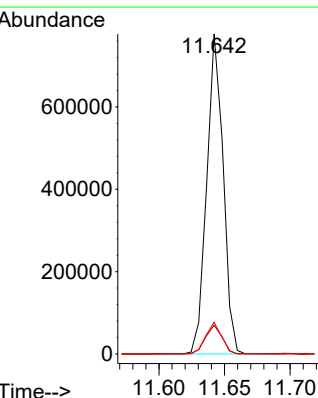
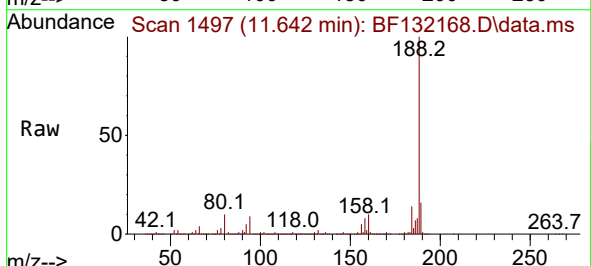
Tgt Ion:188 Resp: 675987

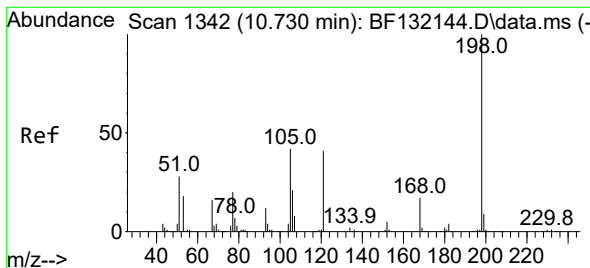
Ion Ratio Lower Upper

188 100

94 9.0 6.9 10.3

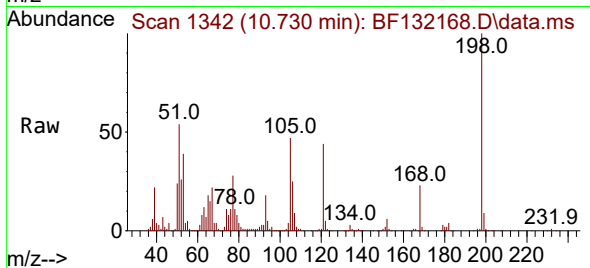
80 9.9 7.5 11.3





#65
4,6-Dinitro-2-methylphenol
Concen: 51.892 ng
RT: 10.730 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

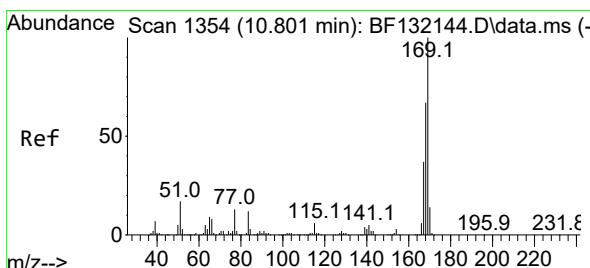
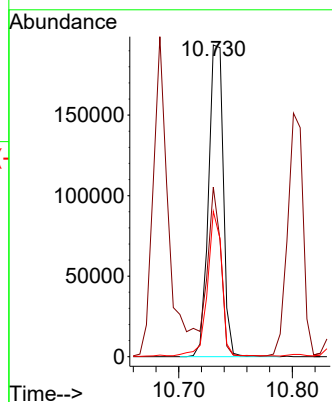
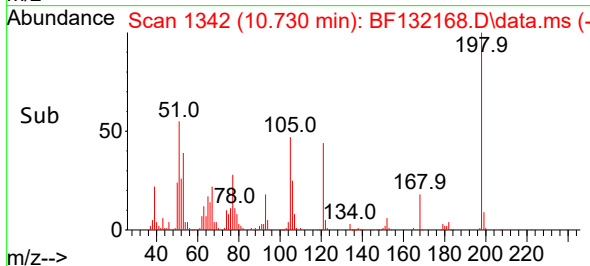
Instrument :
BNA_F
ClientSampleId :
B-04-SB02MS



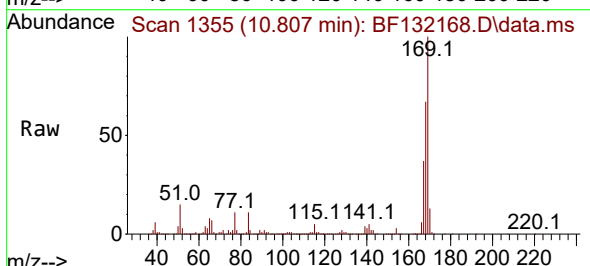
Tgt Ion:198 Resp: 174761
Ion Ratio Lower Upper
198 100
51 54.4 24.3 64.3
105 46.6 23.3 63.3

Manual Integrations
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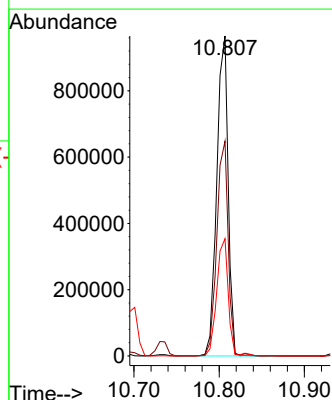
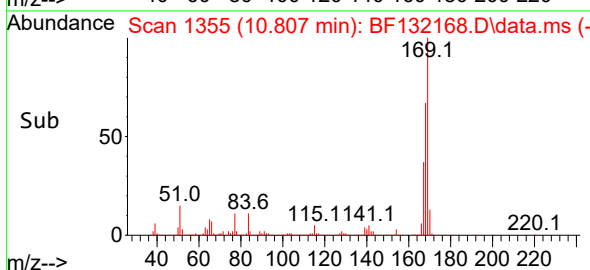
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

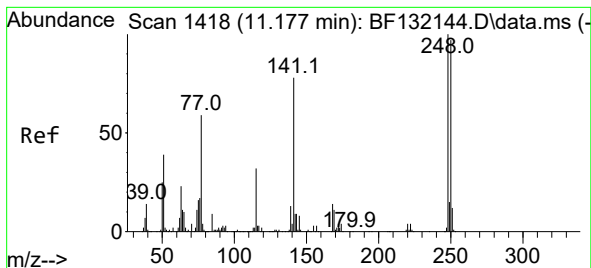


#66
n-Nitrosodiphenylamine
Concen: 41.164 ng
RT: 10.807 min Scan# 1355
Delta R.T. 0.006 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56



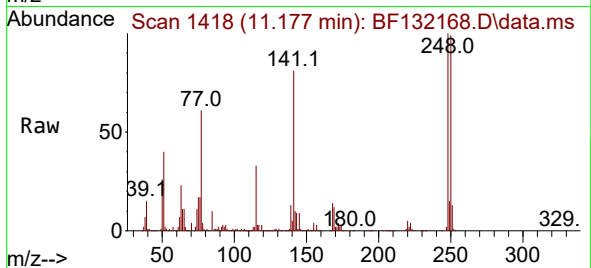
Tgt Ion:169 Resp: 891161
Ion Ratio Lower Upper
169 100
168 67.1 53.4 80.0
167 36.7 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 41.755 ng
RT: 11.177 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

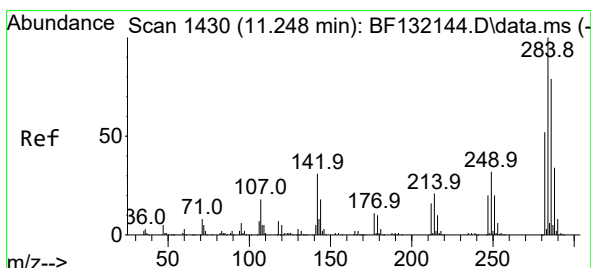
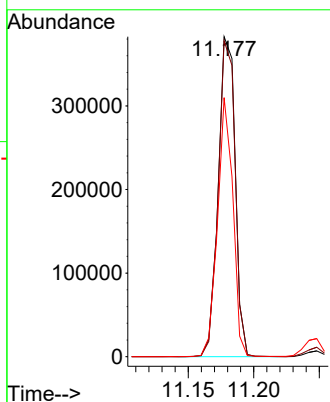
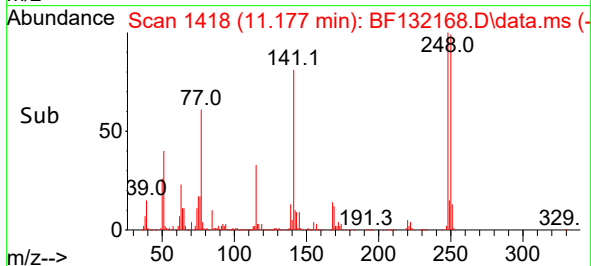
Instrument :
BNA_F
ClientSampleId :
B-04-SB02MS



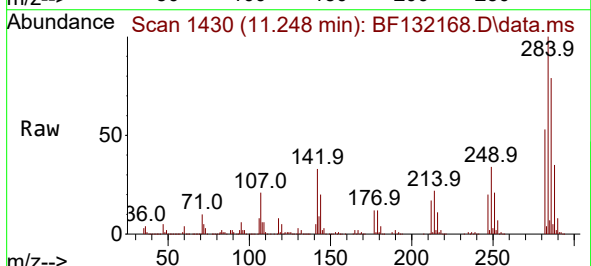
Tgt Ion:248 Resp: 34404
Ion Ratio Lower Upper
248 100
250 98.7 77.4 116.0
141 81.0 62.2 93.2

Manual Integrations
APPROVED

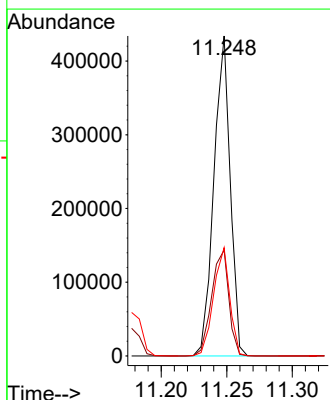
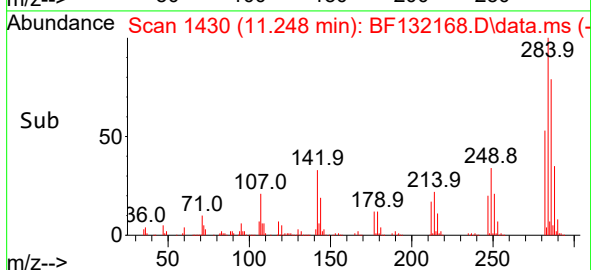
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

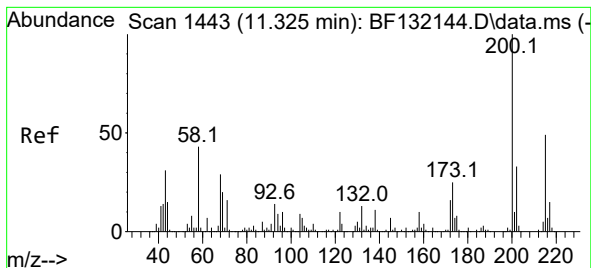


#68
Hexachlorobenzene
Concen: 45.746 ng
RT: 11.248 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56



Tgt Ion:284 Resp: 374608
Ion Ratio Lower Upper
284 100
142 33.1 24.7 37.1
249 33.8 25.6 38.4





#69

Atrazine

Concen: 48.243 ng

RT: 11.330 min Scan# 1444

Delta R.T. 0.006 min

Lab File: BF132168.D

Acq: 20 Jan 2023 18:56

Instrument :

BNA_F

ClientSampleId :

B-04-SB02MS

Tgt Ion:200 Resp: 32223

Ion Ratio Lower Upper

200 100

173 24.7 5.0 45.0

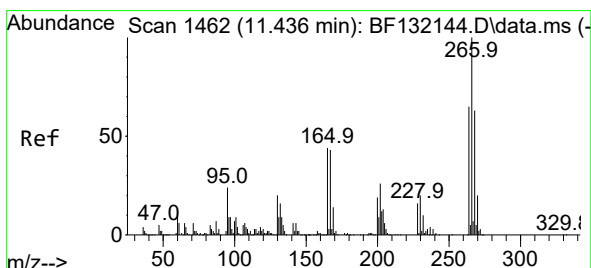
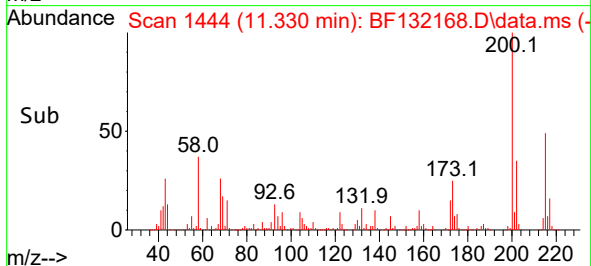
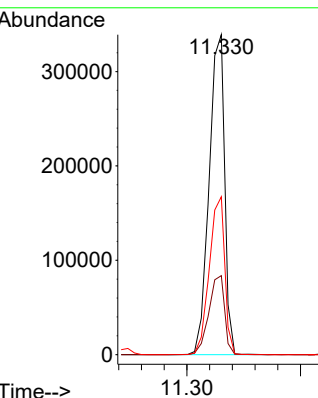
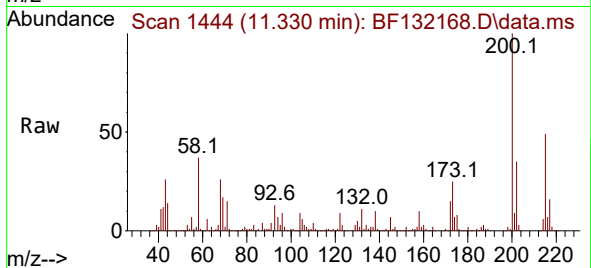
215 49.4 28.6 68.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#70

Pentachlorophenol

Concen: 85.219 ng

RT: 11.442 min Scan# 1463

Delta R.T. 0.006 min

Lab File: BF132168.D

Acq: 20 Jan 2023 18:56

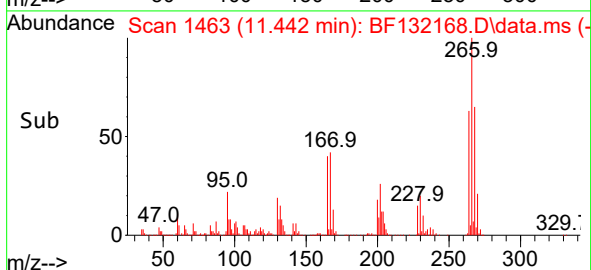
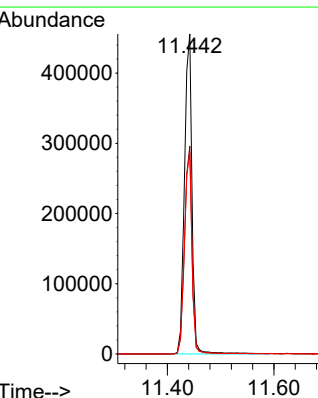
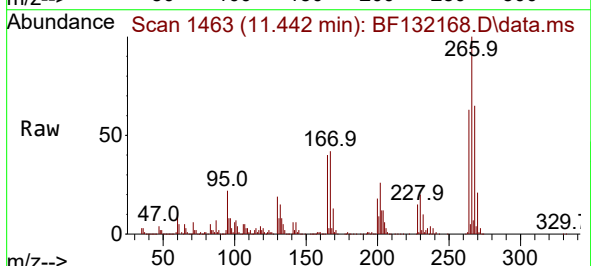
Tgt Ion:266 Resp: 448447

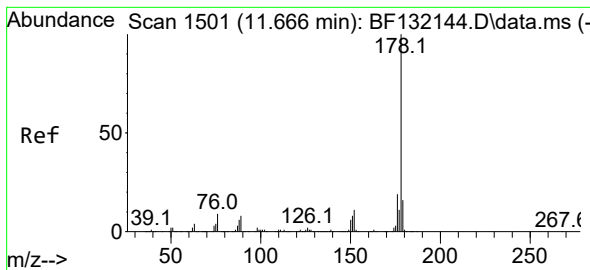
Ion Ratio Lower Upper

266 100

268 64.9 50.8 76.2

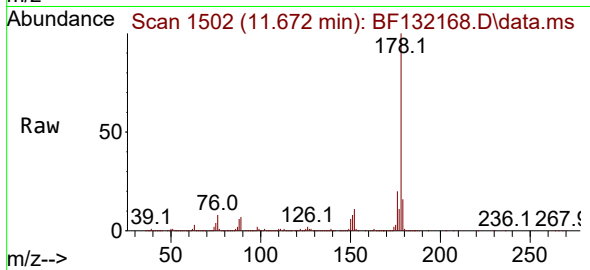
264 62.8 52.3 78.5





#71
Phenanthrene
Concen: 43.089 ng
RT: 11.672 min Scan# 1502
Delta R.T. 0.006 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

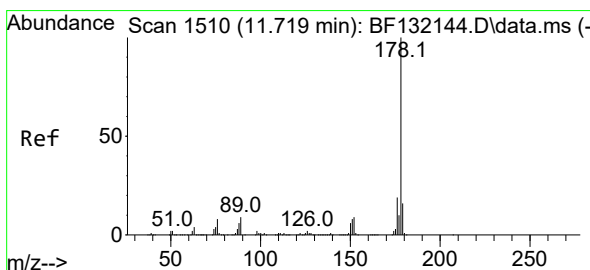
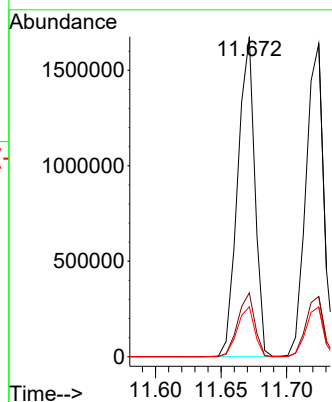
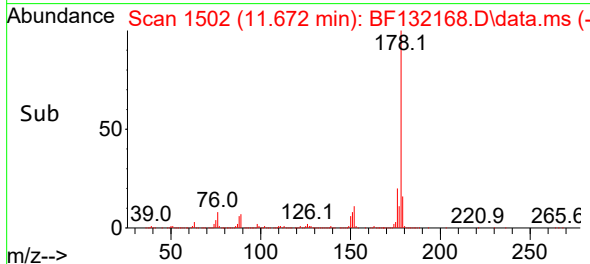
Instrument :
BNA_F
ClientSampleId :
B-04-SB02MS



Tgt Ion:178 Resp: 1528554
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 15.6 12.6 19.0

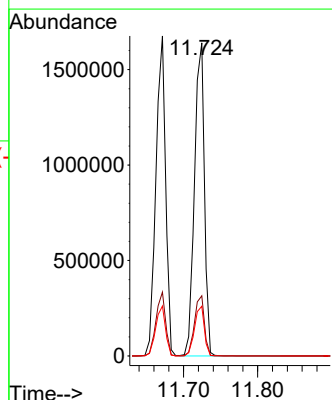
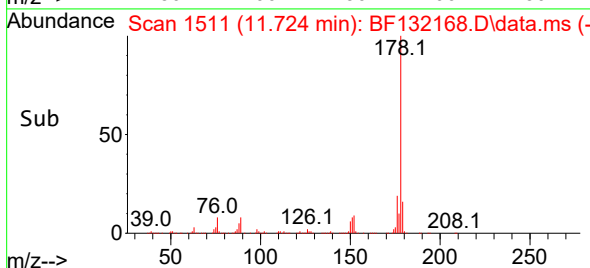
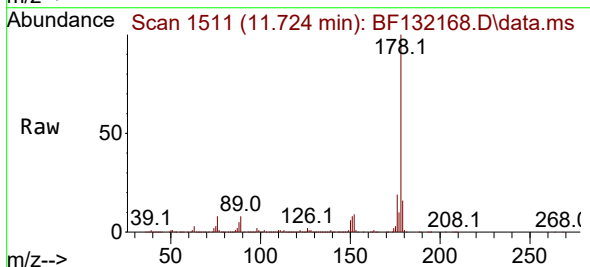
Manual Integrations
APPROVED

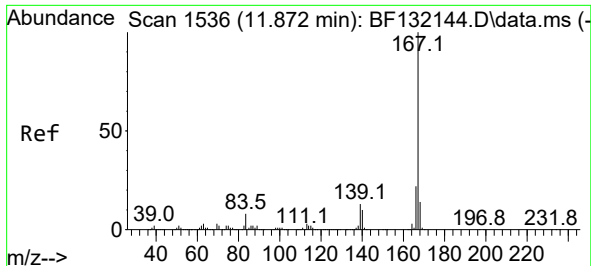
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#72
Anthracene
Concen: 42.425 ng
RT: 11.724 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

Tgt Ion:178 Resp: 1522564
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.9 12.6 18.8





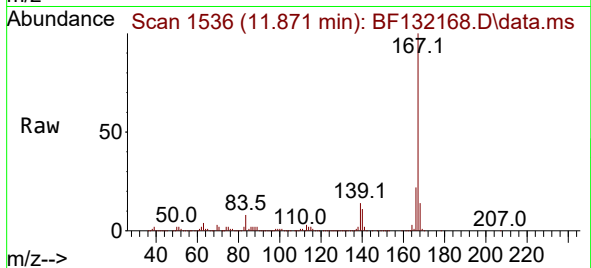
#73
 Carbazole
 Concen: 45.968 ng
 RT: 11.871 min Scan# 1536
 Delta R.T. -0.000 min
 Lab File: BF132168.D
 Acq: 20 Jan 2023 18:56

Instrument :

BNA_F

ClientSampleId :

B-04-SB02MS

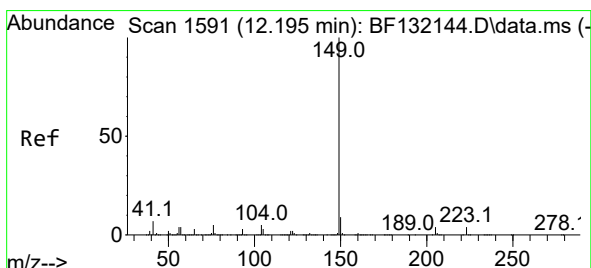
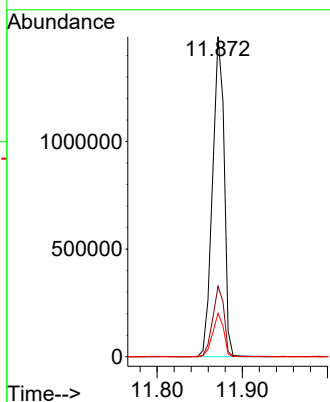
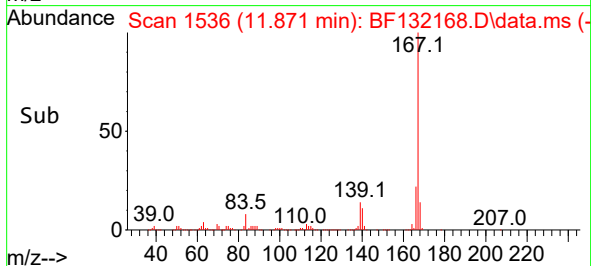


Tgt Ion:167 Resp: 140916
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.7 26.5
 139 13.5 10.5 15.7

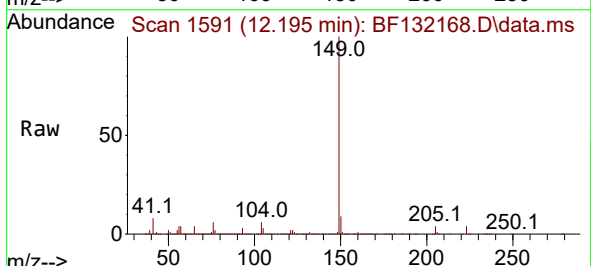
Manual Integrations

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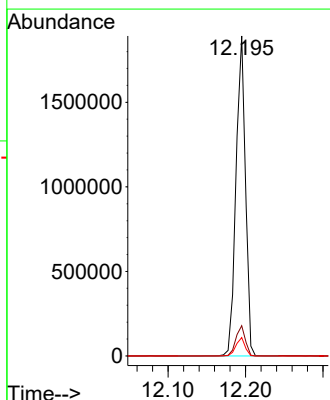
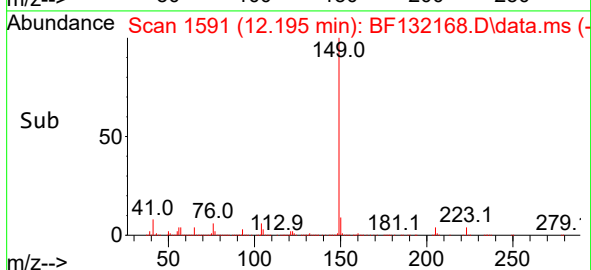
Reviewed By :Christian Giraldo 01/23/2023
 Supervised By :Jagrut Upadhyay 01/23/2023

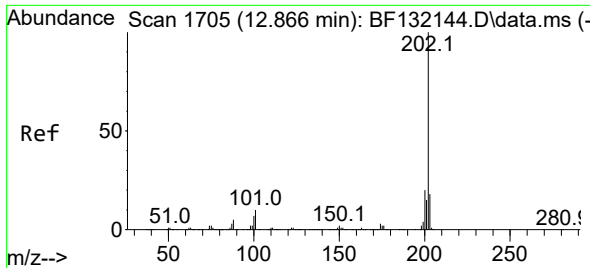


#74
 Di-n-butylphthalate
 Concen: 46.985 ng
 RT: 12.195 min Scan# 1591
 Delta R.T. 0.000 min
 Lab File: BF132168.D
 Acq: 20 Jan 2023 18:56



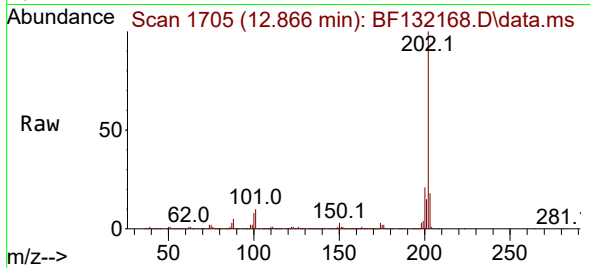
Tgt Ion:149 Resp: 1603418
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.7 4.3 6.5





#75
Fluoranthene
Concen: 46.057 ng
RT: 12.866 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

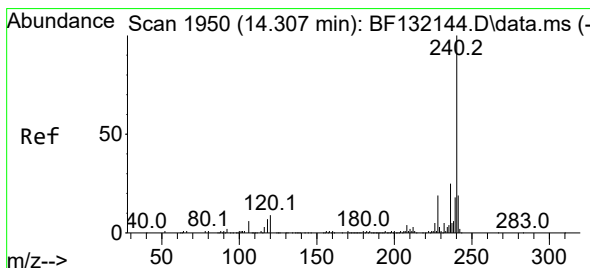
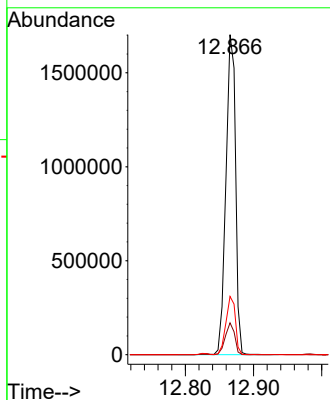
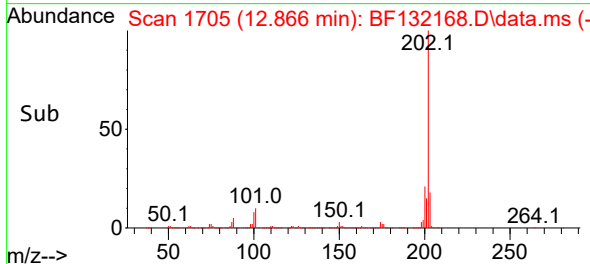
Instrument :
BNA_F
ClientSampleId :
B-04-SB02MS



Tgt Ion:202 Resp: 1678280
Ion Ratio Lower Upper
202 100
101 10.0 0.0 29.6
203 18.2 0.0 37.9

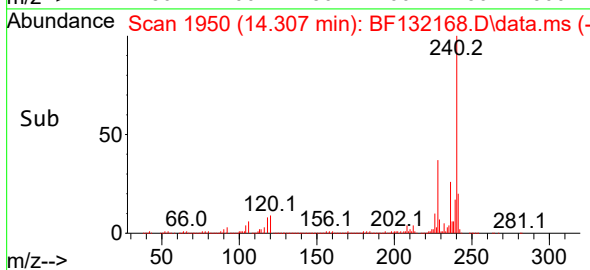
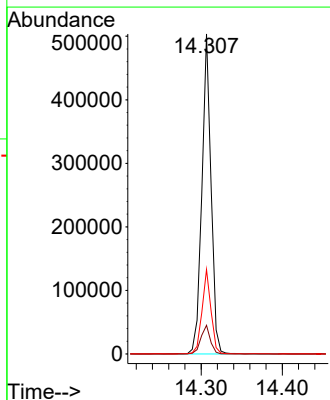
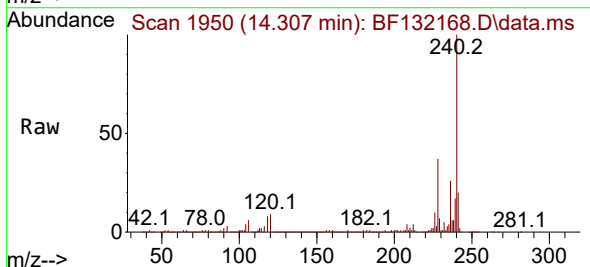
Manual Integrations
APPROVED

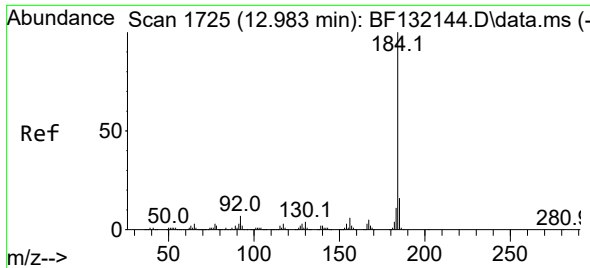
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.307 min Scan# 1950
Delta R.T. -0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

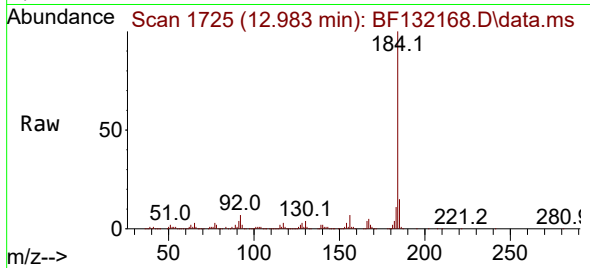
Tgt Ion:240 Resp: 393953
Ion Ratio Lower Upper
240 100
120 9.0 6.9 10.3
236 26.4 20.3 30.5





#77
Benzidine
Concen: 43.604 ng
RT: 12.983 min Scan# 1725
Delta R.T. 0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

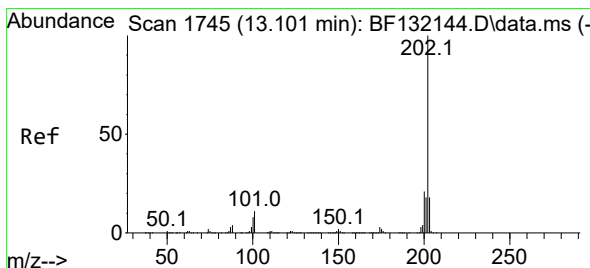
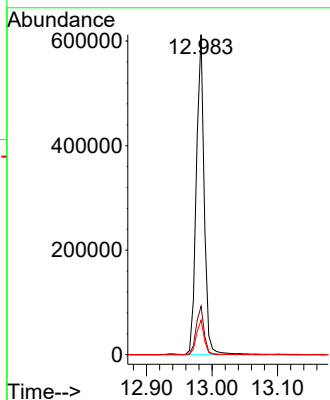
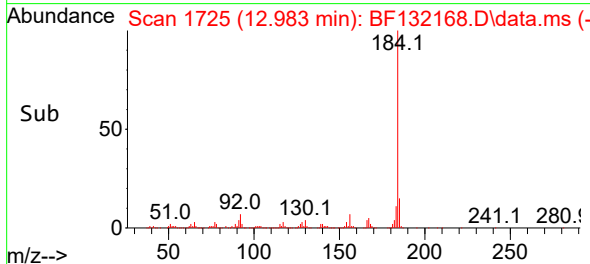
Instrument :
BNA_F
ClientSampleId :
B-04-SB02MS



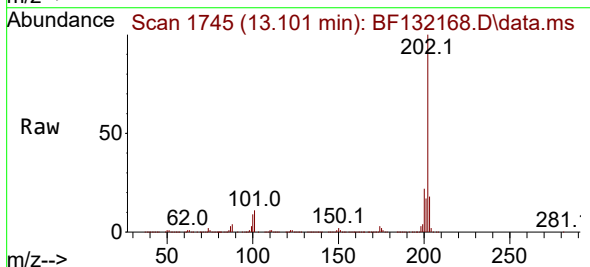
Tgt Ion:184 Resp: 51576
Ion Ratio Lower Upper
184 100
185 15.2 12.5 18.7
183 10.8 9.0 13.4

Manual Integrations
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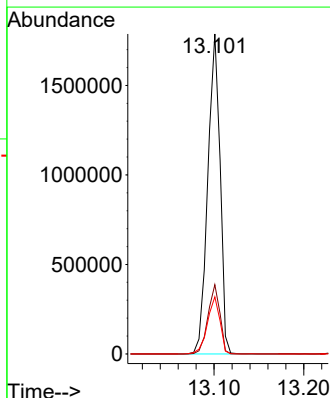
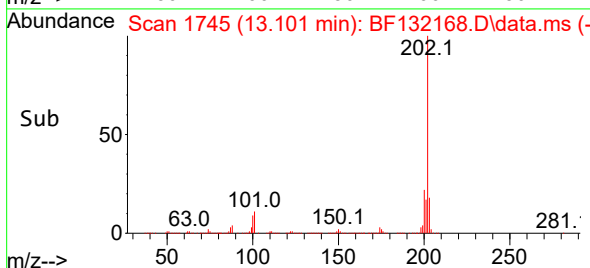
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

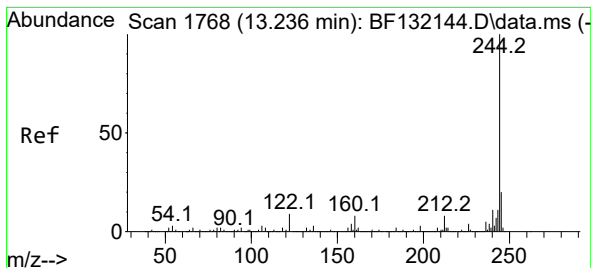


#78
Pyrene
Concen: 46.687 ng
RT: 13.101 min Scan# 1745
Delta R.T. -0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56



Tgt Ion:202 Resp: 1695068
Ion Ratio Lower Upper
202 100
200 21.7 16.7 25.1
203 17.8 14.0 21.0





#79

Terphenyl-d14

Concen: 59.974 ng

RT: 13.236 min Scan# 1768

Delta R.T. 0.000 min

Lab File: BF132168.D

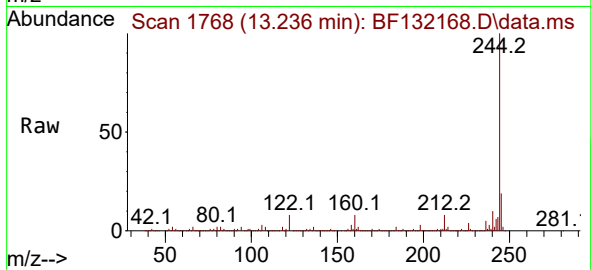
Acq: 20 Jan 2023 18:56

Instrument :

BNA_F

ClientSampleId :

B-04-SB02MS



Tgt Ion:244 Resp: 141047

Ion Ratio Lower Upper

244 100

212 7.8 6.7 10.1

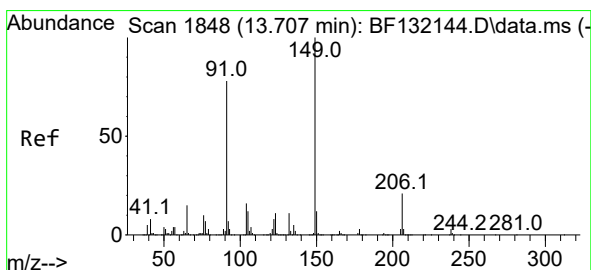
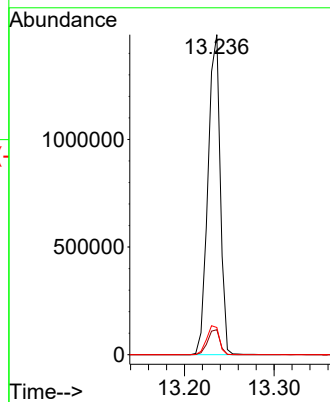
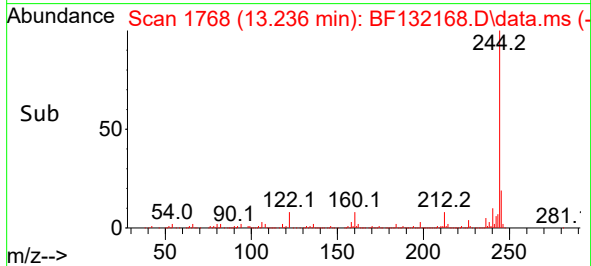
122 8.5 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#80

Butylbenzylphthalate

Concen: 51.273 ng

RT: 13.707 min Scan# 1848

Delta R.T. -0.000 min

Lab File: BF132168.D

Acq: 20 Jan 2023 18:56

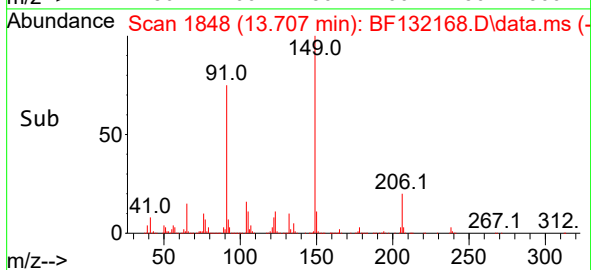
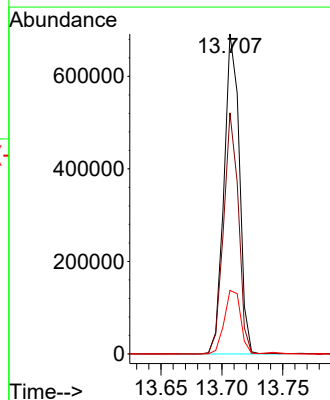
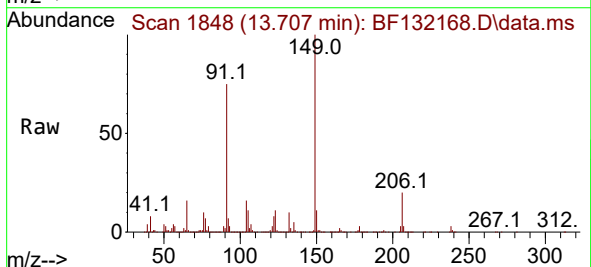
Tgt Ion:149 Resp: 608960

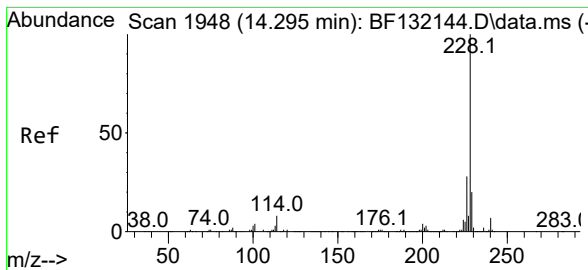
Ion Ratio Lower Upper

149 100

91 75.4 62.6 94.0

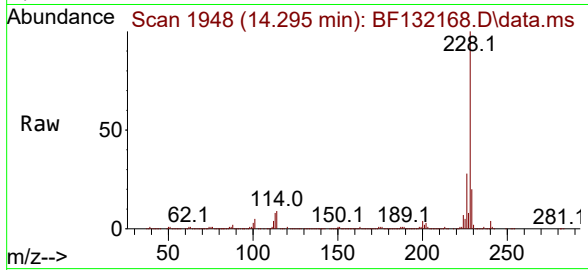
206 19.9 16.4 24.6





#81
Benzo(a)anthracene
Concen: 45.931 ng
RT: 14.295 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

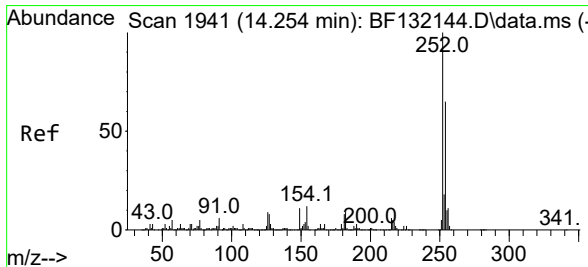
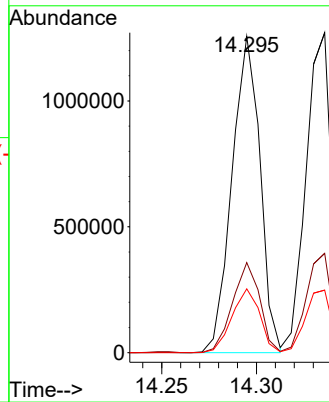
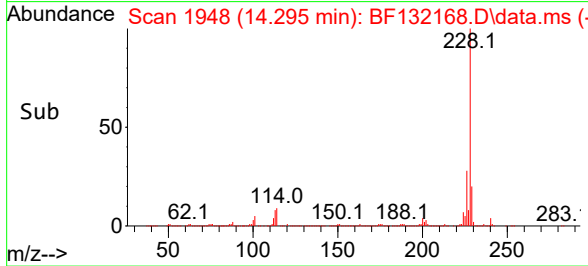
Instrument :
BNA_F
ClientSampleId :
B-04-SB02MS



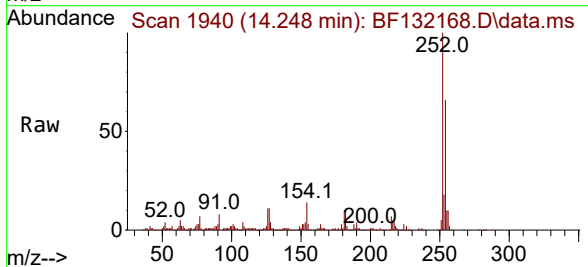
Tgt Ion:228 Resp: 1292699
Ion Ratio Lower Upper
228 100
226 28.5 22.5 33.7
229 20.2 16.1 24.1

Manual Integrations
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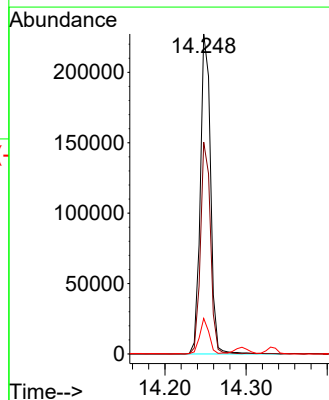
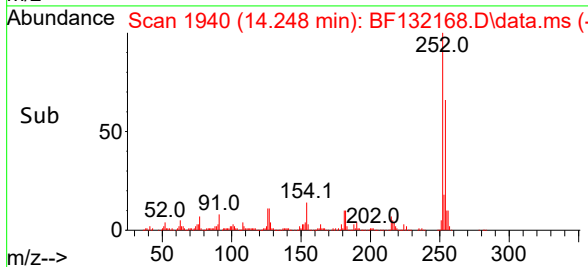
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

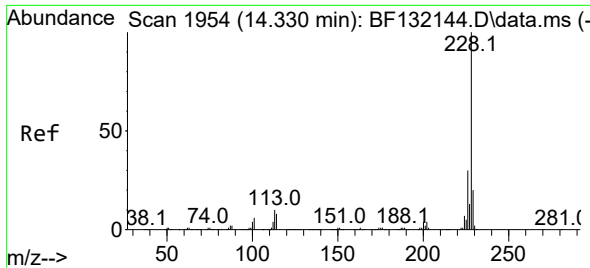


#82
3,3'-Dichlorobenzidine
Concen: 25.497 ng
RT: 14.248 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56



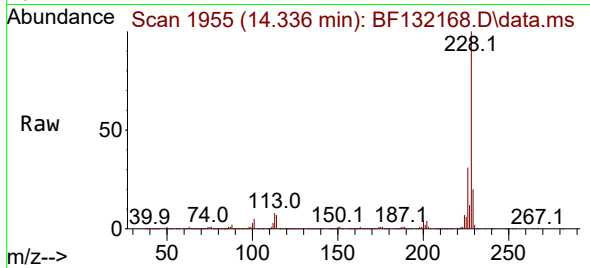
Tgt Ion:252 Resp: 199848
Ion Ratio Lower Upper
252 100
254 66.2 52.4 78.6
126 11.1 7.0 10.6#





#83
Chrysene
Concen: 44.431 ng
RT: 14.336 min Scan# 1954
Delta R.T. 0.006 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

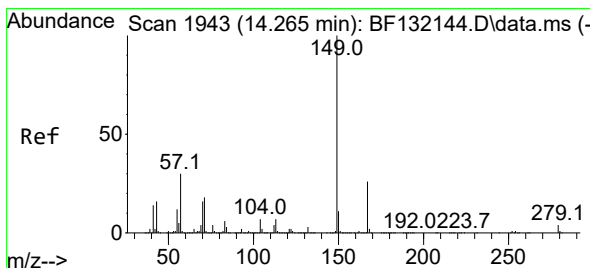
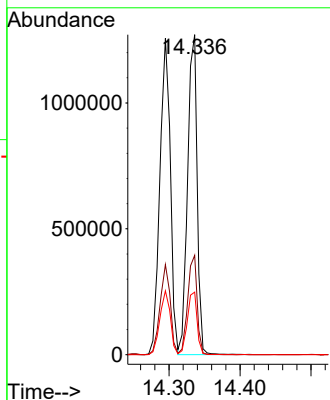
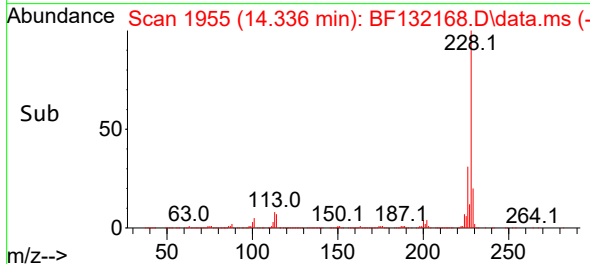
Instrument :
BNA_F
ClientSampleId :
B-04-SB02MS



Tgt Ion:228 Resp: 1190250
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 19.6 15.8 23.6

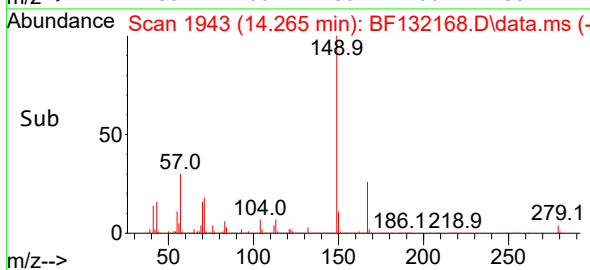
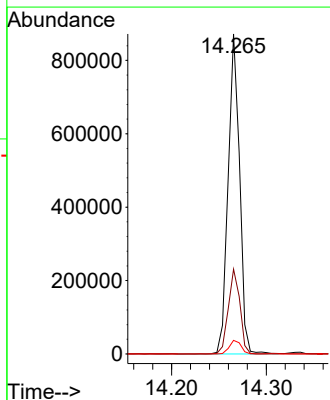
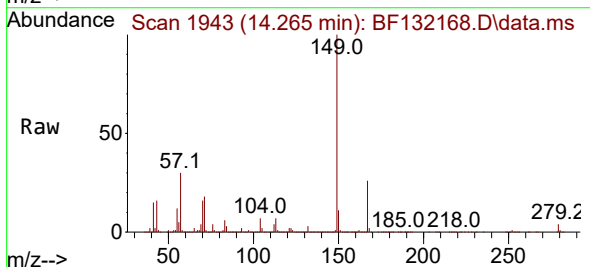
Manual Integrations
APPROVED

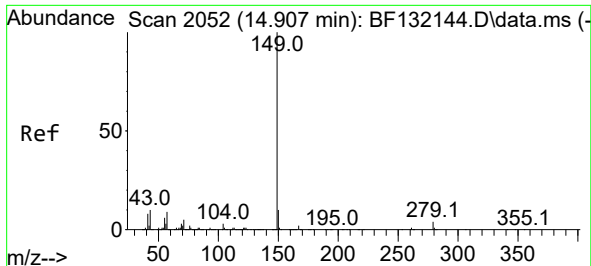
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.540 ng
RT: 14.265 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

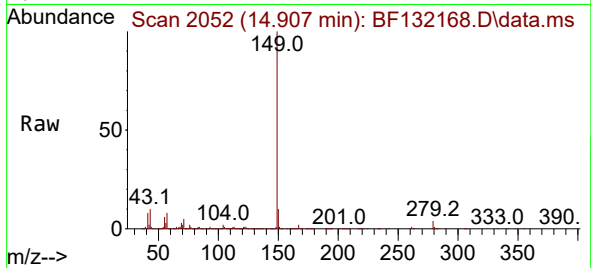
Tgt Ion:149 Resp: 735516
Ion Ratio Lower Upper
149 100
167 26.5 21.0 31.6
279 4.3 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 44.925 ng
RT: 14.907 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

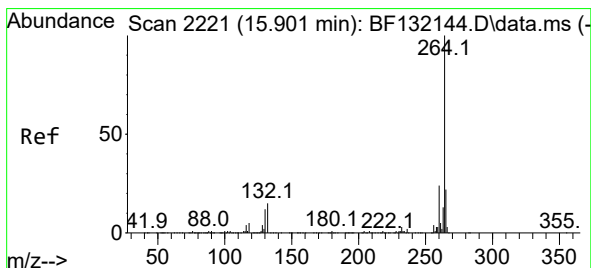
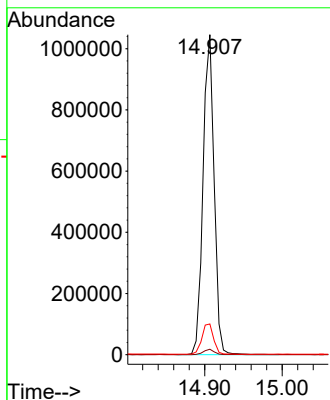
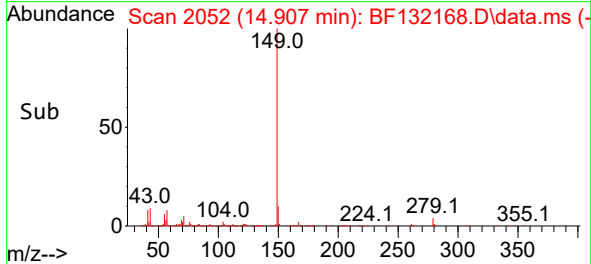
Instrument :
BNA_F
ClientSampleId :
B-04-SB02MS



Tgt Ion:149 Resp: 1035010
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.2 8.4 12.6

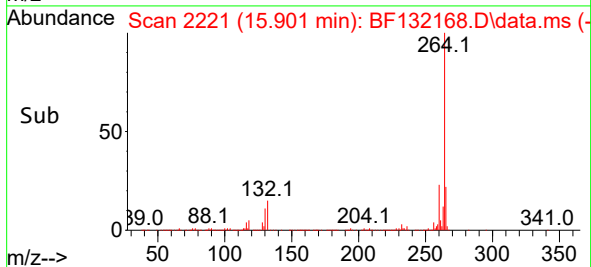
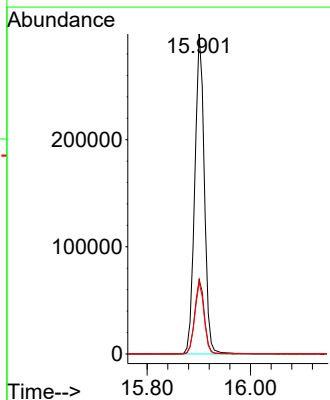
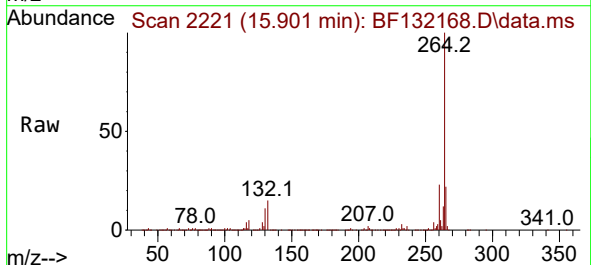
Manual Integrations
APPROVED

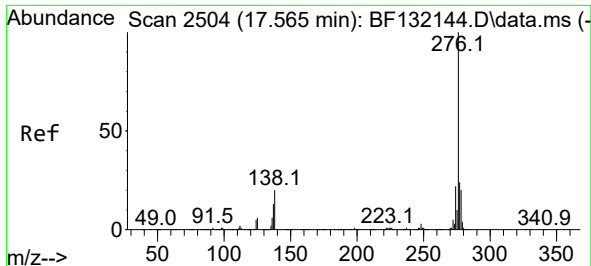
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.901 min Scan# 2221
Delta R.T. -0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

Tgt Ion:264 Resp: 382702
Ion Ratio Lower Upper
264 100
260 23.4 19.1 28.7
265 22.5 17.4 26.0





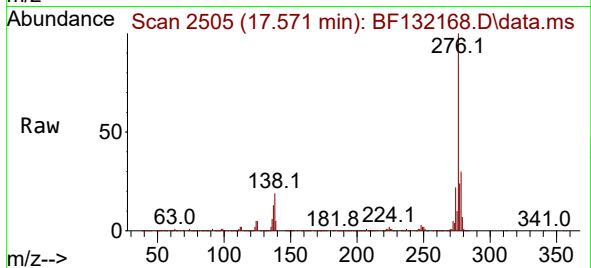
#87
Indeno(1,2,3-cd)pyrene
Concen: 43.562 ng
RT: 17.571 min Scan# 2140
Delta R.T. 0.006 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

Instrument :

BNA_F

ClientSampleId :

B-04-SB02MS

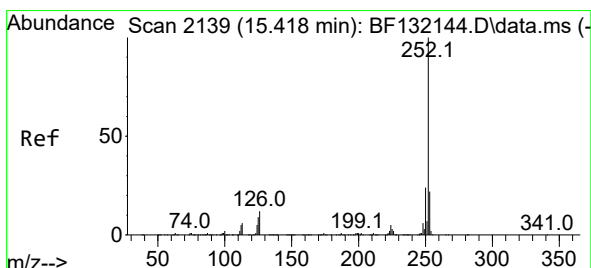
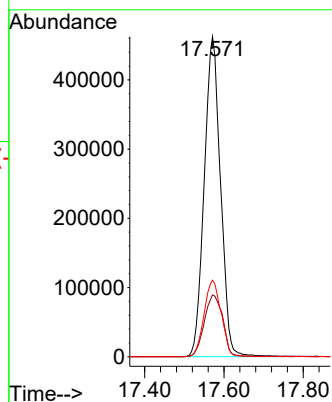
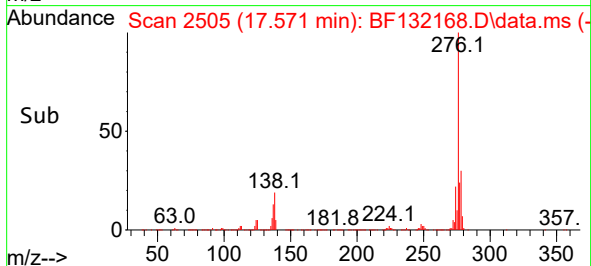


Tgt Ion:276 Resp: 132083
Ion Ratio Lower Upper
276 100
138 21.9 17.9 26.9
277 25.1 20.2 30.2

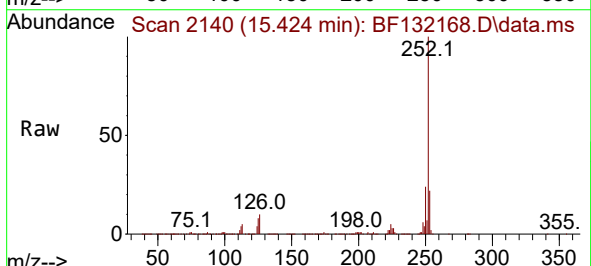
Manual Integrations

APPROVED

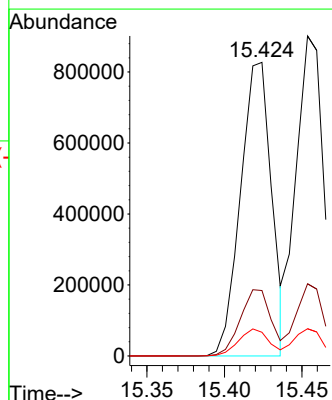
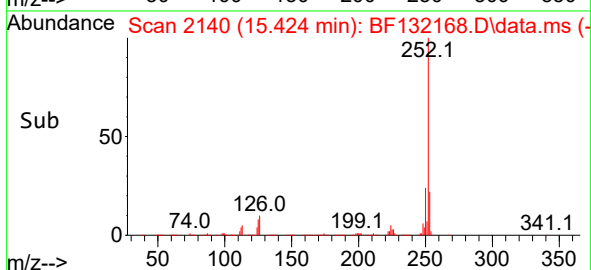
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

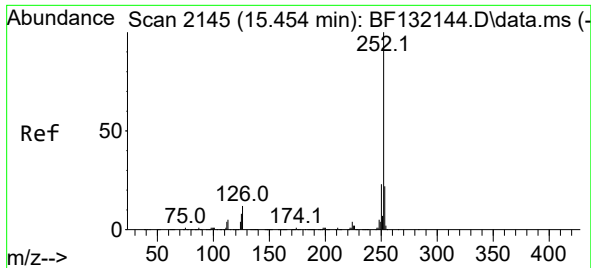


#88
Benzo(b)fluoranthene
Concen: 49.422 ng
RT: 15.424 min Scan# 2140
Delta R.T. 0.006 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56



Tgt Ion:252 Resp: 1151600
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 8.1 7.2 10.8





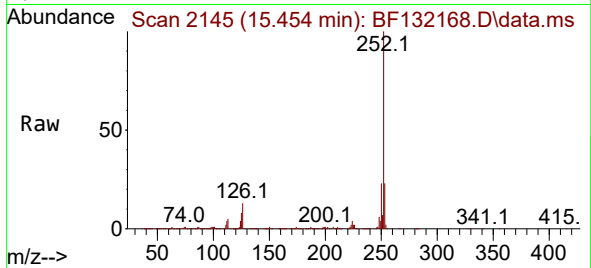
#89
Benzo(k)fluoranthene
Concen: 46.928 ng
RT: 15.454 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

Instrument :

BNA_F

ClientSampleId :

B-04-SB02MS

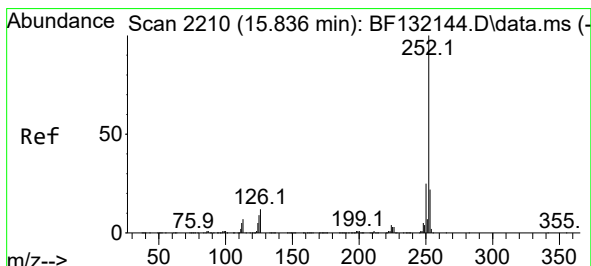
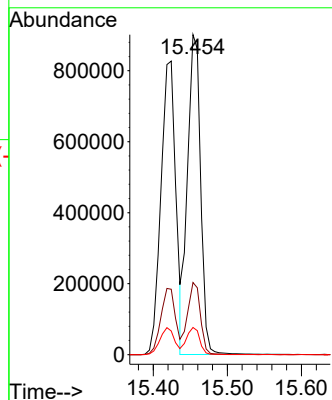
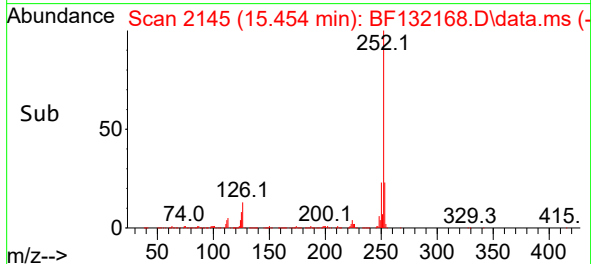


Tgt Ion:252 Resp: 1115227
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 8.5 6.4 9.6

Manual Integrations

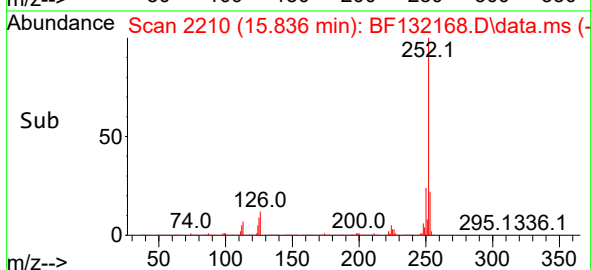
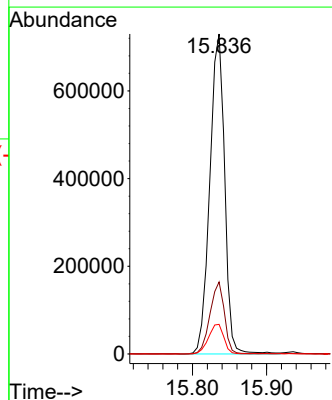
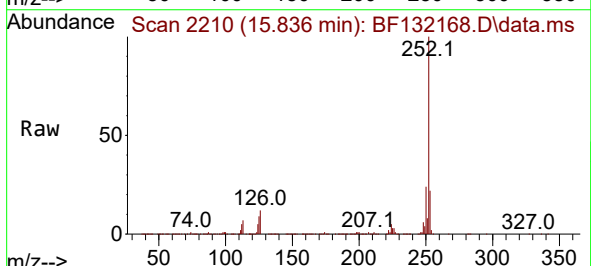
APPROVED

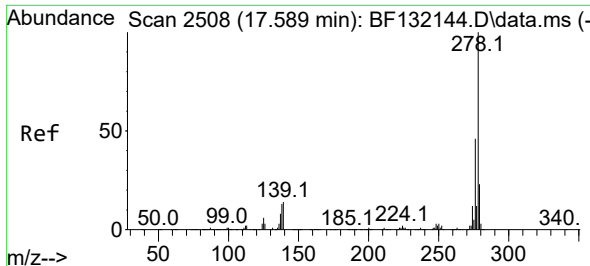
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#90
Benzo(a)pyrene
Concen: 45.277 ng
RT: 15.836 min Scan# 2210
Delta R.T. -0.000 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

Tgt Ion:252 Resp: 1014886
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 9.2 7.3 10.9





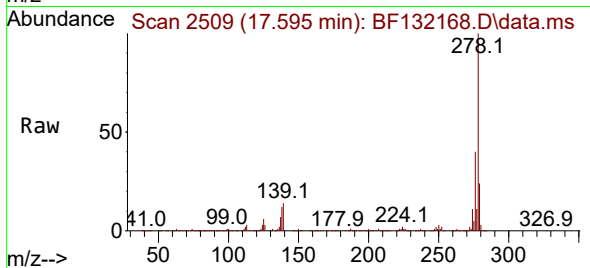
#91
Dibenzo(a,h)anthracene
Concen: 46.733 ng
RT: 17.595 min Scan# 2509
Delta R.T. 0.006 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56

Instrument :

BNA_F

ClientSampleId :

B-04-SB02MS

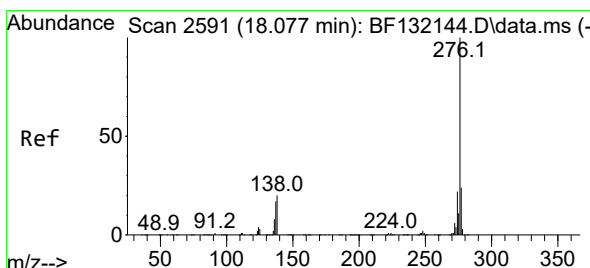
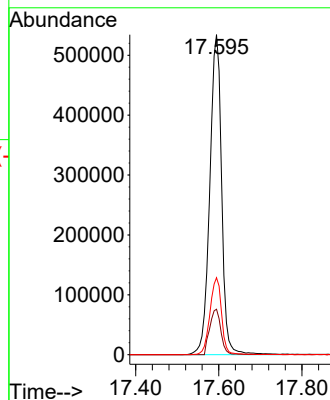
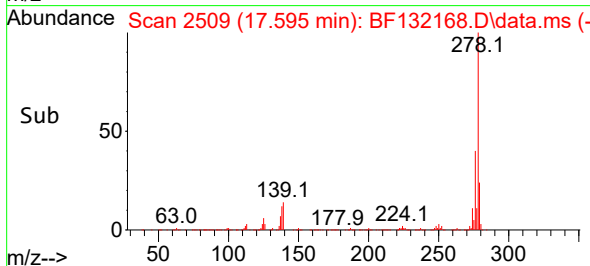


Tgt Ion:278 Resp: 105844
Ion Ratio Lower Upper
278 100
139 14.2 11.4 17.2
279 24.0 18.6 28.0

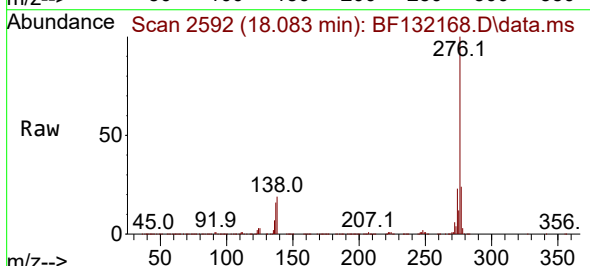
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#92
Benzo(g,h,i)perylene
Concen: 43.008 ng
RT: 18.083 min Scan# 2592
Delta R.T. 0.006 min
Lab File: BF132168.D
Acq: 20 Jan 2023 18:56



Tgt Ion:276 Resp: 1117275
Ion Ratio Lower Upper
276 100
277 24.3 18.9 28.3
138 19.3 15.7 23.5

