

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021323\
 Data File : BF132407.D
 Acq On : 13 Feb 2023 13:27
 Operator : CG\JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/14/2023
 Supervised By : Jagrut Upadhyay 02/14/2023

Quant Time: Feb 14 00:12:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 14 00:06:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.031	152	91134	20.000	ng	0.00
21) Naphthalene-d8	8.319	136	495035	20.000	ng	0.00
39) Acenaphthene-d10	10.084	164	246609	20.000	ng	0.00
64) Phenanthrene-d10	11.578	188	461531	20.000	ng	0.00
76) Chrysene-d12	14.242	240	233579	20.000	ng	0.00
86) Perylene-d12	15.807	264	316093	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	539749	95.199	ng	0.00
7) Phenol-d6	6.655	99	510559	73.042	ng	0.00
23) Nitrobenzene-d5	7.602	82	453128	50.936	ng	0.00
42) 2,4,6-Tribromophenol	10.878	330	264886	104.449	ng	0.00
45) 2-Fluorobiphenyl	9.396	172	1327413	83.122	ng	0.00
79) Terphenyl-d14	13.172	244	1496123	123.903	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.908	88	168442	63.140	ng	100
3) Pyridine	3.684	79	316048	43.669	ng	100
4) n-Nitrosodimethylamine	3.643	42	104140	44.969	ng	100
6) Aniline	6.702	93	286939	30.251	ng	100
8) 2-Chlorophenol	6.819	128	238845	40.674	ng	100
9) Benzaldehyde	6.584	77	84277	19.755	ng	100
10) Phenol	6.666	94	255997	35.384	ng	100
11) bis(2-Chloroethyl)ether	6.766	93	241680	40.589	ng	100
12) 1,3-Dichlorobenzene	6.978	146	260850	42.000	ng	100
13) 1,4-Dichlorobenzene	7.055	146	260127	41.960	ng	100
14) 1,2-Dichlorobenzene	7.207	146	244599	42.307	ng	100
15) Benzyl Alcohol	7.172	79	158033	30.985	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.302	45	178945	28.525	ng	100
17) 2-Methylphenol	7.278	107	197741	38.470	ng	100
18) Hexachloroethane	7.549	117	100669	43.286	ng	100
19) n-Nitroso-di-n-propyla...	7.443	70	130286	32.814	ng	100
20) 3+4-Methylphenols	7.431	107	251766	38.375	ng	100
22) Acetophenone	7.443	105	311969	26.797	ng	100
24) Nitrobenzene	7.619	77	222269	24.457	ng	100
25) Isophorone	7.855	82	531805	31.497	ng	100
26) 2-Nitrophenol	7.931	139	171516	38.745	ng	100
27) 2,4-Dimethylphenol	7.960	122	286088m	36.922	ng	
28) bis(2-Chloroethoxy)met...	8.060	93	375844	36.222	ng	100
29) 2,4-Dichlorophenol	8.172	162	298068	43.328	ng	100
30) 1,2,4-Trichlorobenzene	8.260	180	329436	44.719	ng	100
31) Naphthalene	8.343	128	1013295	41.585	ng	100
32) Benzoic acid	8.066	122	171837	29.960	ng	100
33) 4-Chloroaniline	8.390	127	406079m	37.582	ng	
34) Hexachlorobutadiene	8.454	225	201687	48.700	ng	100
35) Caprolactam	8.760	113	90064	38.403	ng	100
36) 4-Chloro-3-methylphenol	8.860	107	307733	41.522	ng	100
37) 2-Methylnaphthalene	9.037	142	695227	42.121	ng	100
38) 1-Methylnaphthalene	9.137	142	646263	42.133	ng	100
40) 1,2,4,5-Tetrachloroben...	9.201	216	319951	46.103	ng	100
41) Hexachlorocyclopentadiene	9.190	237	204775	50.575	ng	100
43) 2,4,6-Trichlorophenol	9.307	196	220055	44.359	ng	100

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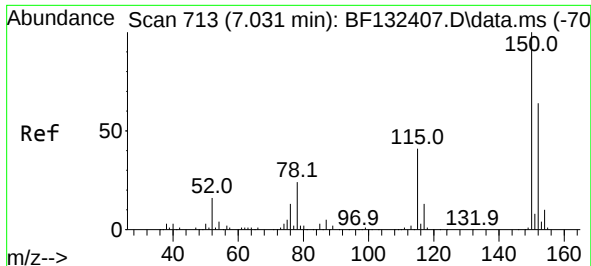
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.354	196	252570	44.234	ng	100
46) 1,1'-Biphenyl	9.501	154	801299	42.147	ng	100
47) 2-Chloronaphthalene	9.531	162	617942	42.674	ng	100
48) 2-Nitroaniline	9.619	65	150906	35.041	ng	100
49) Acenaphthylene	9.948	152	983455	41.613	ng	100
50) Dimethylphthalate	9.796	163	743071	43.075	ng	100
51) 2,6-Dinitrotoluene	9.860	165	168490	43.733	ng	100
52) Acenaphthene	10.119	154	634976	42.916	ng	100
53) 3-Nitroaniline	10.037	138	189446	40.548	ng	100
54) 2,4-Dinitrophenol	10.137	184	94931	47.774	ng	100
55) Dibenzofuran	10.290	168	873809	42.033	ng	100
56) 4-Nitrophenol	10.184	139	144549	41.114	ng	100
57) 2,4-Dinitrotoluene	10.266	165	224573	44.873	ng	100
58) Fluorene	10.637	166	676219	42.266	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.407	232	191205	45.934	ng	100
60) Diethylphthalate	10.501	149	751284	43.779	ng	100
61) 4-Chlorophenyl-phenyle...	10.625	204	342744	45.140	ng	100
62) 4-Nitroaniline	10.654	138	171212	38.214	ng	100
63) Azobenzene	10.784	77	589553	35.269	ng	100
65) 4,6-Dinitro-2-methylph...	10.678	198	125079	47.750	ng	100
66) n-Nitrosodiphenylamine	10.743	169	599574	41.487	ng	100
67) 4-Bromophenyl-phenylether	11.119	248	218150	46.159	ng	100
68) Hexachlorobenzene	11.184	284	238294	47.174	ng	100
69) Atrazine	11.266	200	176811	42.534	ng	100
70) Pentachlorophenol	11.378	266	151525	43.658	ng	100
71) Phenanthrene	11.607	178	997506	41.360	ng	100
72) Anthracene	11.660	178	1029563	41.947	ng	100
73) Carbazole	11.813	167	868284	39.454	ng	100
74) Di-n-butylphthalate	12.131	149	1146506	44.066	ng	100
75) Fluoranthene	12.801	202	1057251	42.958	ng	100
77) Benzidine	12.925	184	200171	24.512	ng	100
78) Pyrene	13.037	202	1064899	56.683	ng	100
80) Butylbenzylphthalate	13.642	149	432175	52.067	ng	100
81) Benzo(a)anthracene	14.231	228	696116	42.610	ng	100
82) 3,3'-Dichlorobenzidine	14.189	252	192817	37.056	ng	100
83) Chrysene	14.272	228	649737	42.473	ng	100
84) Bis(2-ethylhexyl)phtha...	14.201	149	479175	42.710	ng	100
85) Di-n-octyl phthalate	14.831	149	899124	49.134	ng	100
87) Indeno(1,2,3-cd)pyrene	17.424	276	941023	44.804	ng	100
88) Benzo(b)fluoranthene	15.336	252	873469	43.473	ng	100
89) Benzo(k)fluoranthene	15.372	252	828500	43.199	ng	100
90) Benzo(a)pyrene	15.742	252	803069	42.922	ng	100
91) Dibenzo(a,h)anthracene	17.448	278	785973	46.545	ng	100
92) Benzo(g,h,i)perylene	17.924	276	778342	44.616	ng	100

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

Manual Integrations

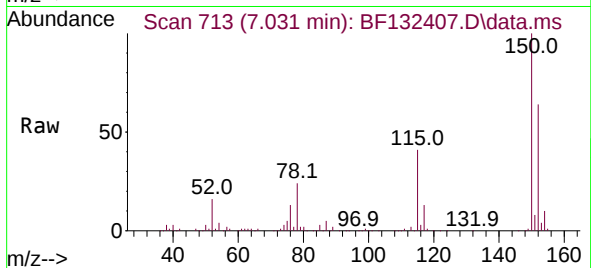
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.031 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

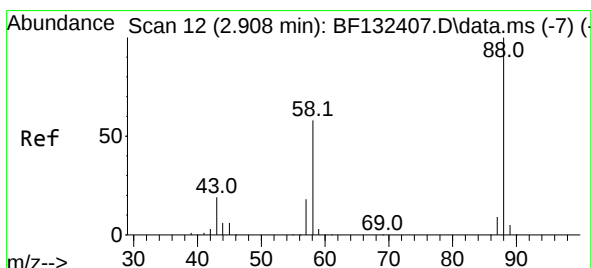
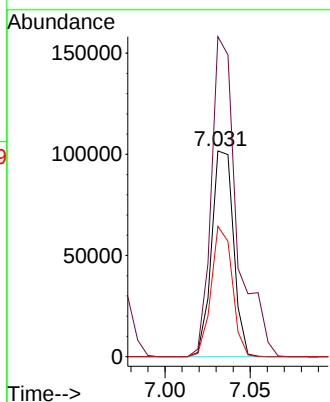
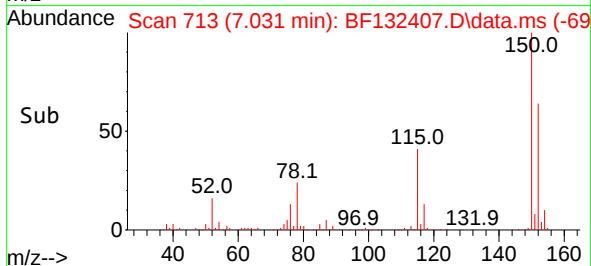
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:152 Resp: 91134
Ion Ratio Lower Upper
152 100
150 155.5 124.4 186.6
115 63.2 50.6 75.8

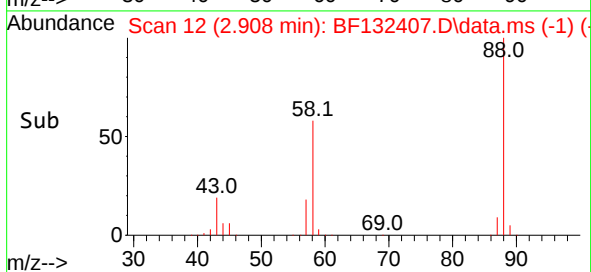
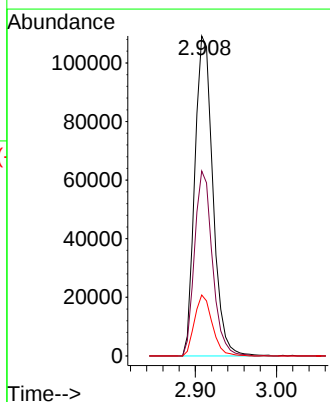
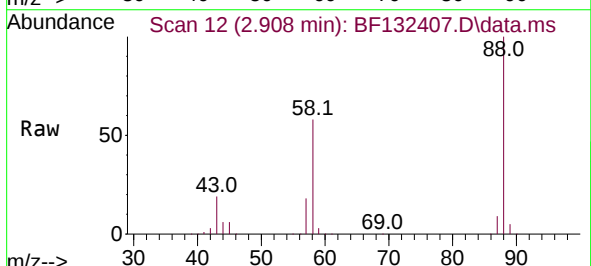
Manual Integrations
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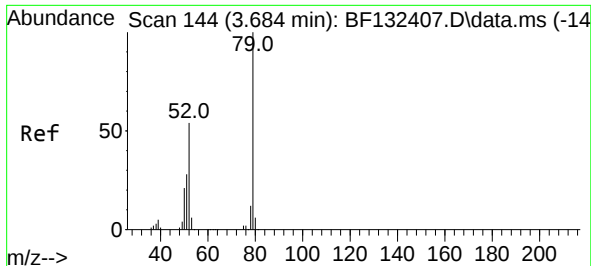
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#2
1,4-Dioxane
Concen: 63.140 ng
RT: 2.908 min Scan# 12
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

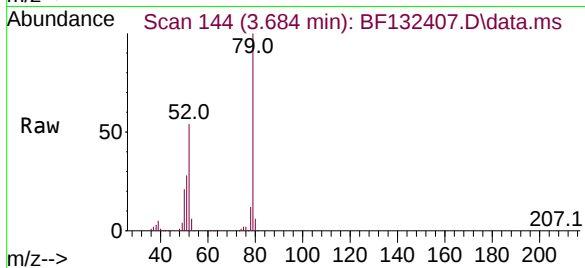
Tgt Ion: 88 Resp: 168442
Ion Ratio Lower Upper
88 100
58 57.1 45.7 68.5
43 18.7 15.0 22.4





#3
Pyridine
Concen: 43.669 ng
RT: 3.684 min Scan# 144
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

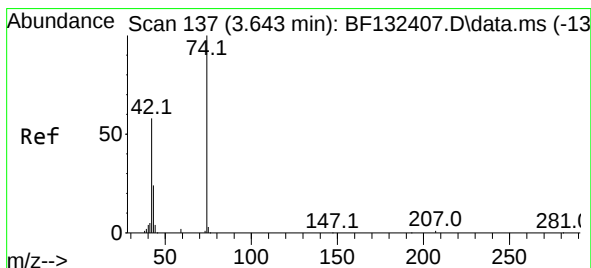
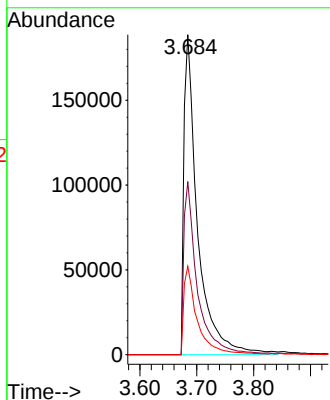
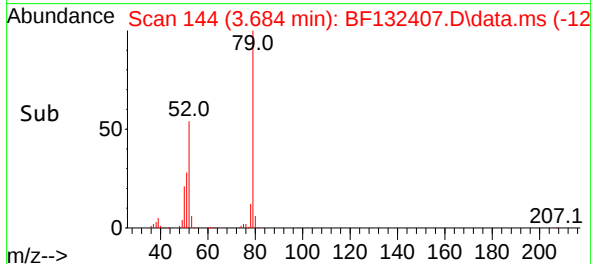
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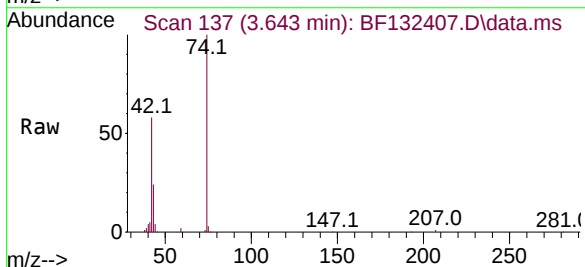
Tgt Ion: 79 Resp: 316048
Ion Ratio Lower Upper
79 100
52 54.1 43.3 64.9
51 27.6 22.1 33.1

Manual Integrations
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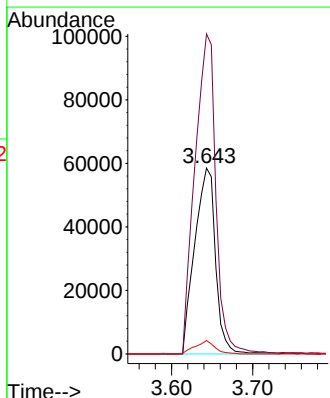
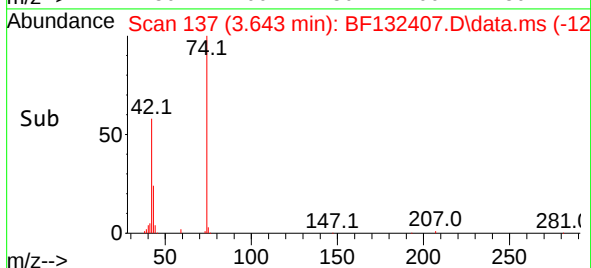
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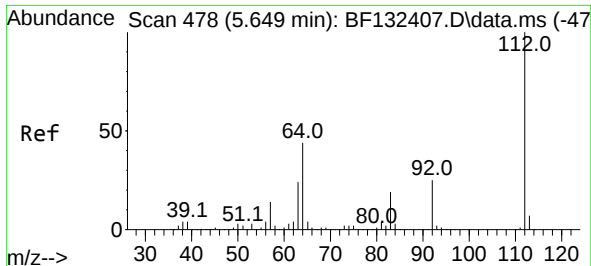


#4
n-Nitrosodimethylamine
Concen: 44.969 ng
RT: 3.643 min Scan# 137
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27



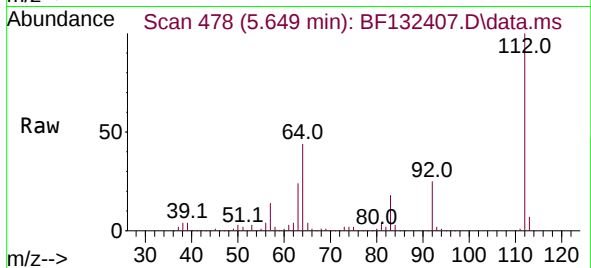
Tgt Ion: 42 Resp: 104140
Ion Ratio Lower Upper
42 100
74 172.2 137.8 206.6
44 7.2 5.8 8.6





#5
2-Fluorophenol
Concen: 95.199 ng
RT: 5.649 min Scan# 478
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

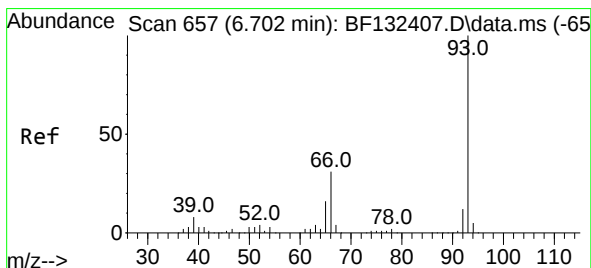
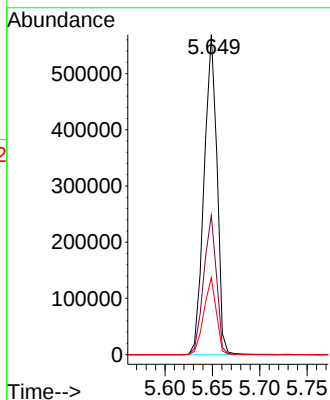
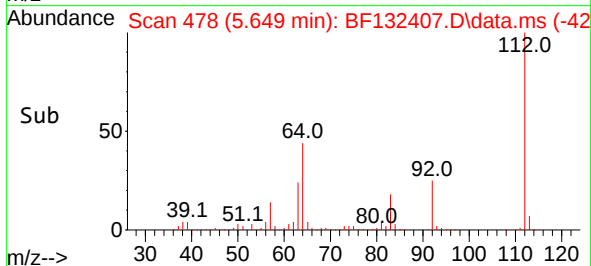
Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 539749
Ion Ratio Lower Upper
112 100
64 43.5 34.8 52.2
63 24.1 19.3 28.9

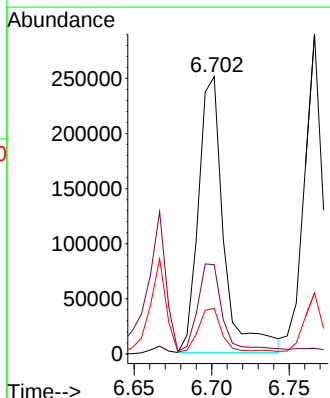
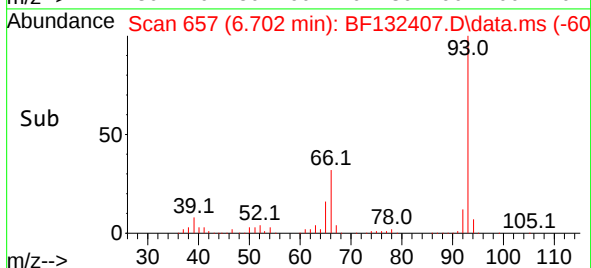
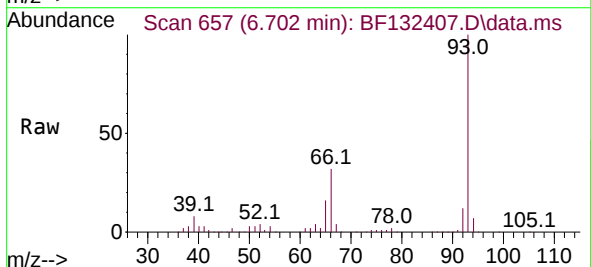
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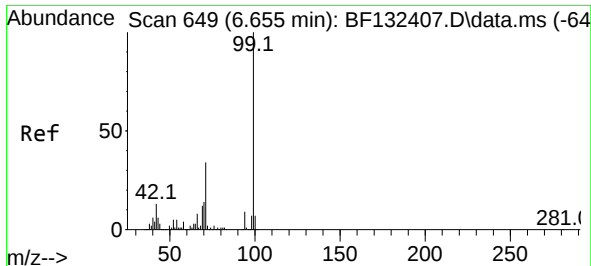
Reviewed By :Christian Giraldo 02/14/2023
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#6
Aniline
Concen: 30.251 ng
RT: 6.702 min Scan# 657
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

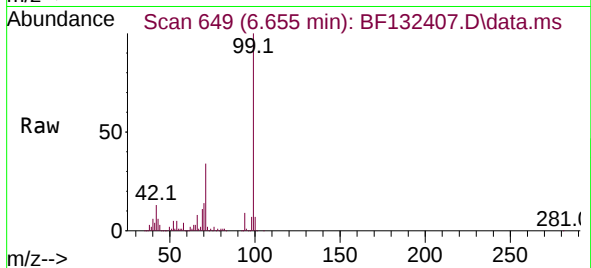
Tgt Ion: 93 Resp: 286939
Ion Ratio Lower Upper
93 100
66 32.1 25.7 38.5
65 16.4 13.1 19.7





#7
Phenol-d6
Concen: 73.042 ng
RT: 6.655 min Scan# 649
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

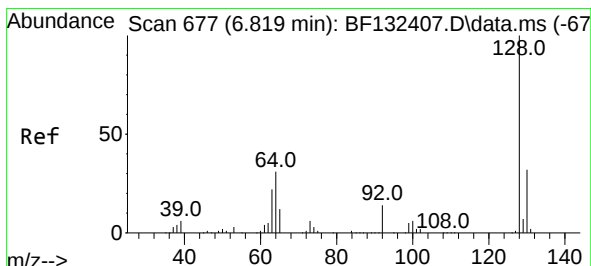
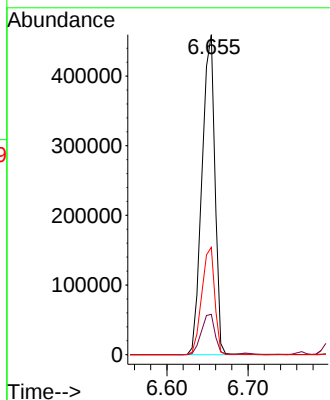
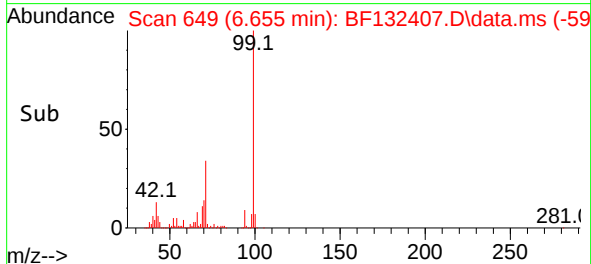
Instrument :
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Tgt Ion: 99 Resp: 510559
Ion Ratio Lower Upper
99 100
42 12.6 10.1 15.1
71 33.5 26.8 40.2

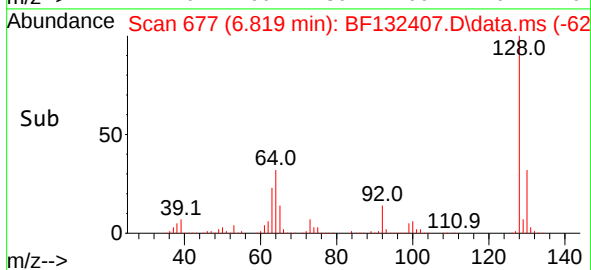
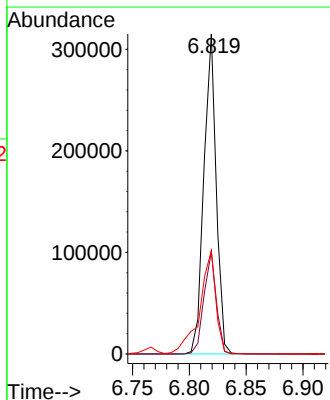
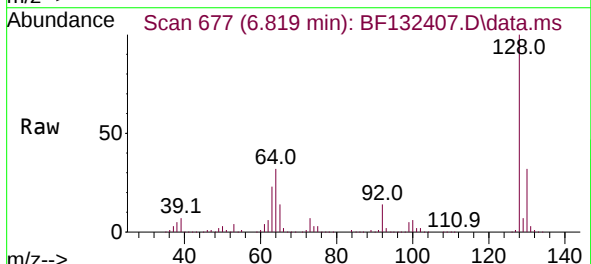
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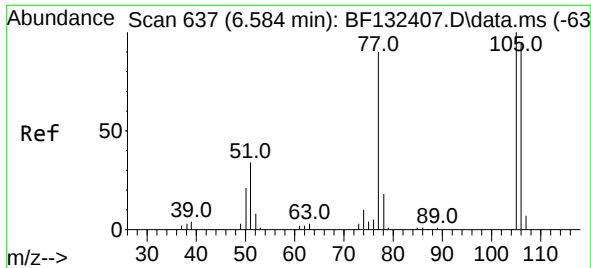
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#8
2-Chlorophenol
Concen: 40.674 ng
RT: 6.819 min Scan# 677
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

Tgt Ion:128 Resp: 238845
Ion Ratio Lower Upper
128 100
130 32.0 12.0 52.0
64 32.3 12.3 52.3





#9
Benzaldehyde
Concen: 19.755 ng
RT: 6.584 min Scan# 637
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

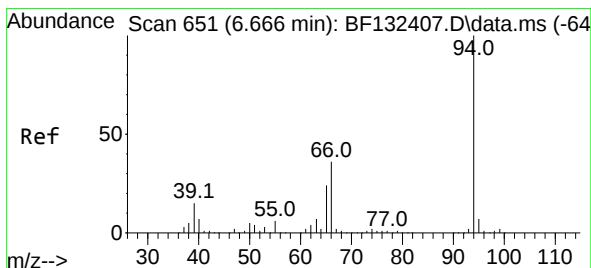
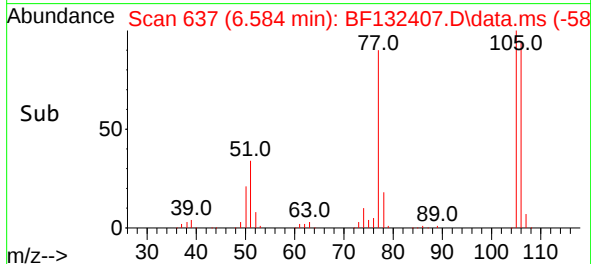
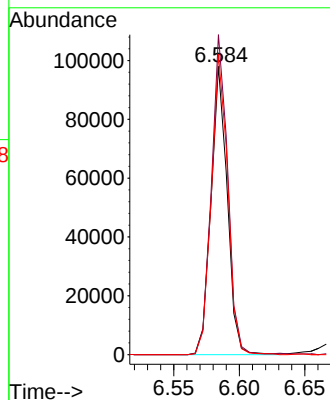
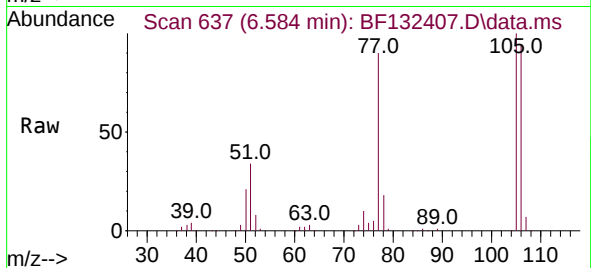
Instrument :
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Client Sample Id :
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Tgt Ion: 77 Resp: 8427

Ion	Ratio	Lower	Upper
77	100		
105	111.1	91.1	131.1
106	104.2	84.2	124.2

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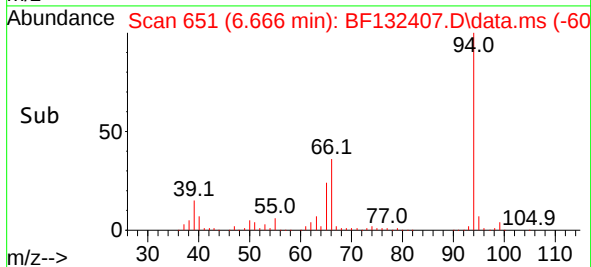
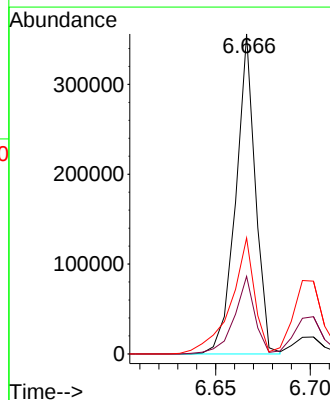
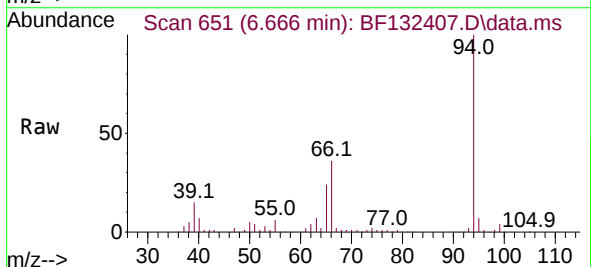
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

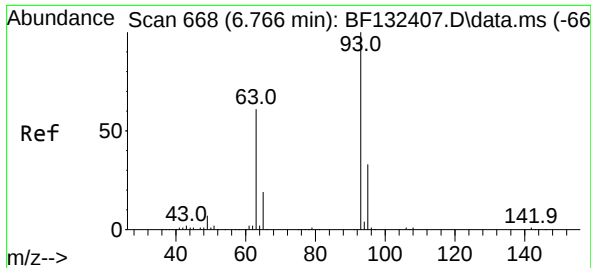


#10
Phenol
Concen: 35.384 ng
RT: 6.666 min Scan# 651
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

Tgt Ion: 94 Resp: 255997

Ion	Ratio	Lower	Upper
94	100		
65	24.3	4.3	44.3
66	36.2	16.2	56.2





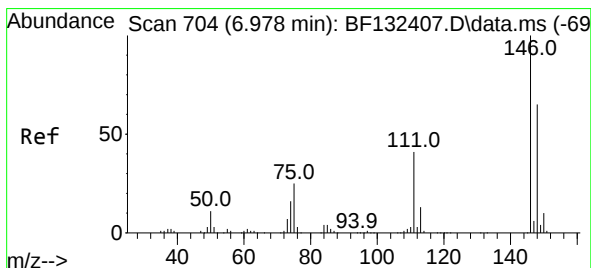
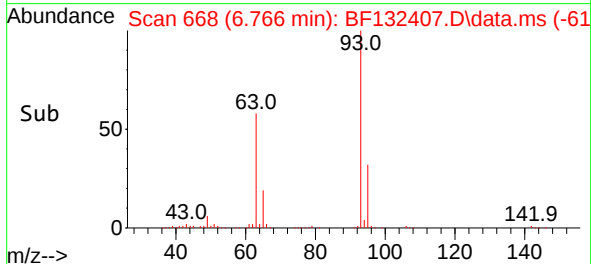
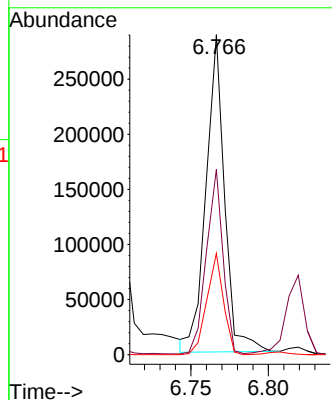
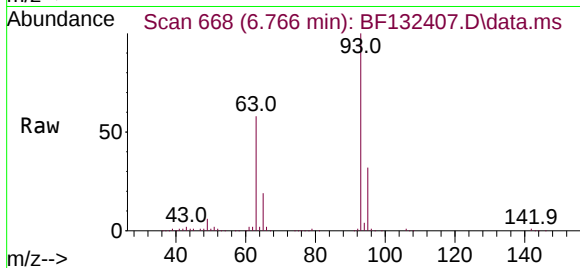
#11
bis(2-Chloroethyl)ether
Concen: 40.589 ng
RT: 6.766 min Scan# 668
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 241680
Ion Ratio Lower Upper
93 100
63 57.9 37.9 77.9
95 31.7 11.7 51.7

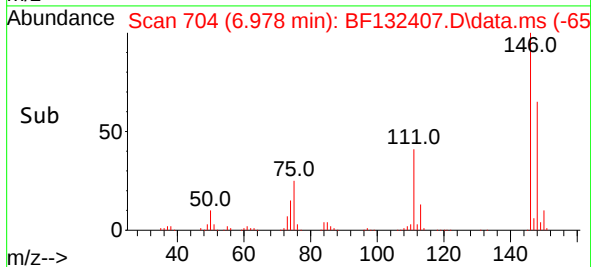
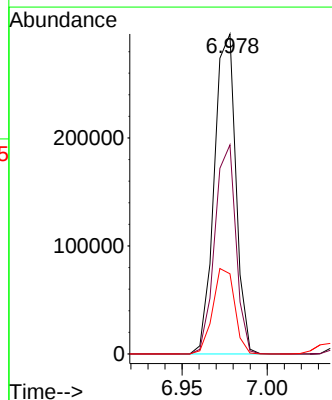
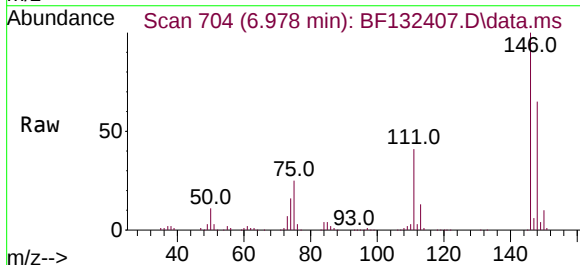
Manual Integrations
APPROVED

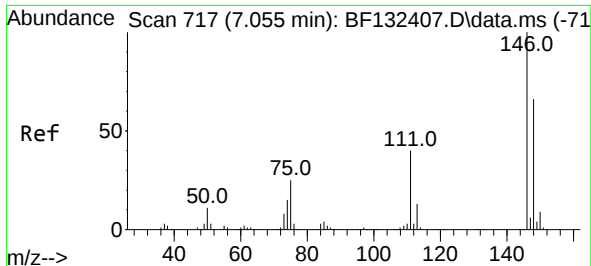
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#12
1,3-Dichlorobenzene
Concen: 42.000 ng
RT: 6.978 min Scan# 704
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

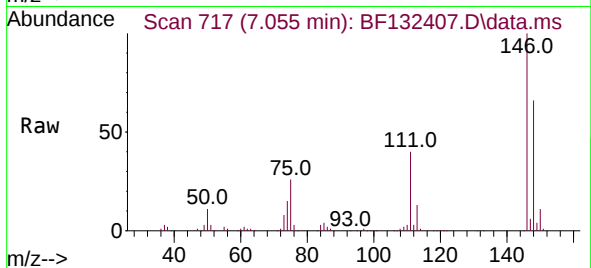
Tgt Ion:146 Resp: 260850
Ion Ratio Lower Upper
146 100
148 65.3 52.2 78.4
75 25.0 20.0 30.0





#13
1,4-Dichlorobenzene
Concen: 41.960 ng
RT: 7.055 min Scan# 717
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

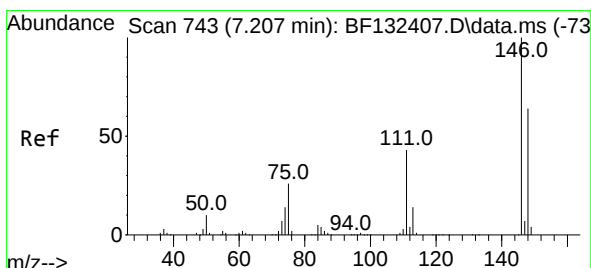
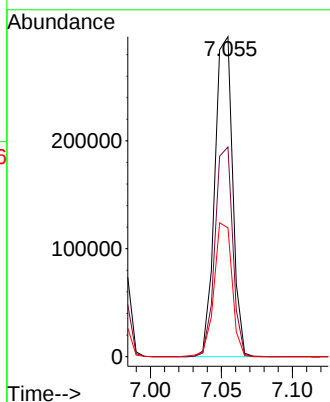
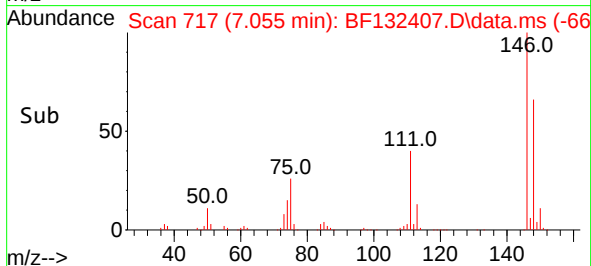
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



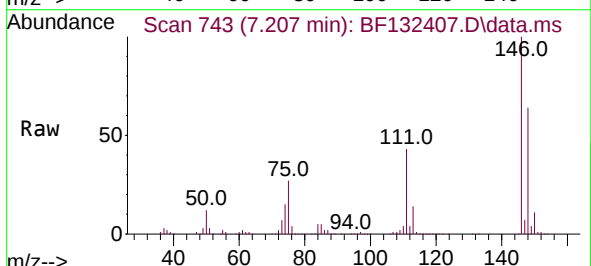
Tgt Ion:146 Resp: 260127
Ion Ratio Lower Upper
146 100
148 65.5 52.4 78.6
111 40.2 32.2 48.2

Manual Integrations
APPROVED

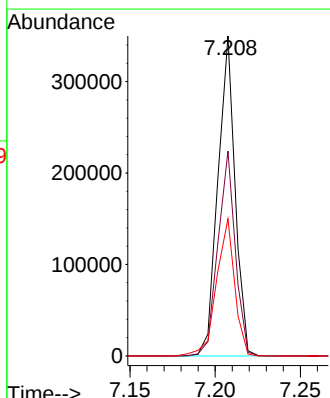
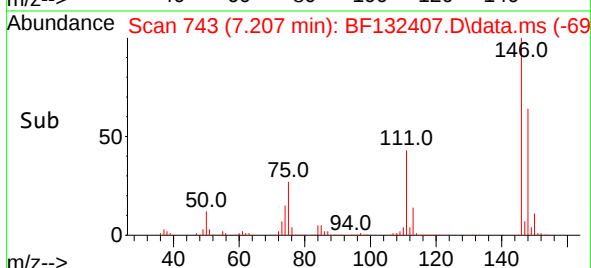
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

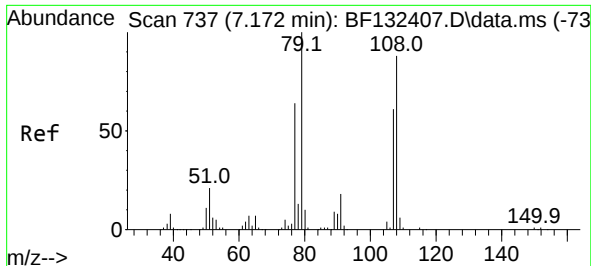


#14
1,2-Dichlorobenzene
Concen: 42.307 ng
RT: 7.207 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27



Tgt Ion:146 Resp: 244599
Ion Ratio Lower Upper
146 100
148 64.0 51.2 76.8
111 42.8 34.2 51.4





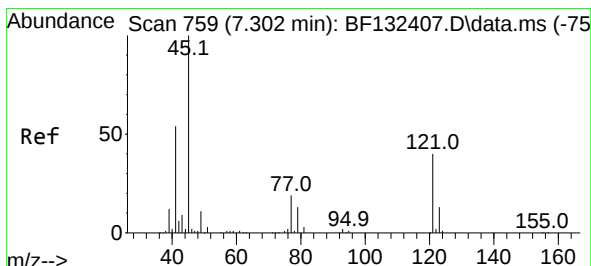
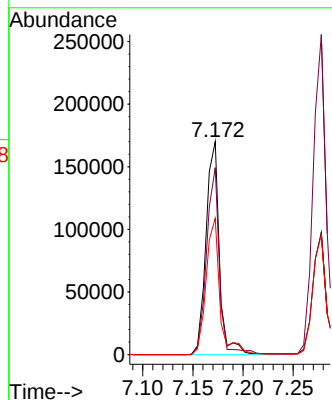
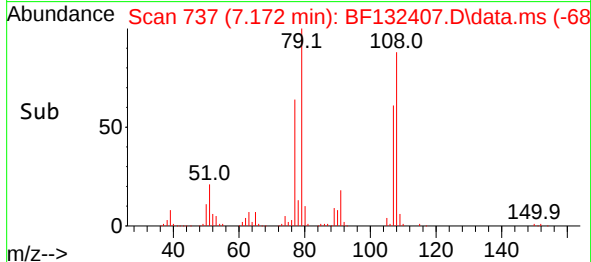
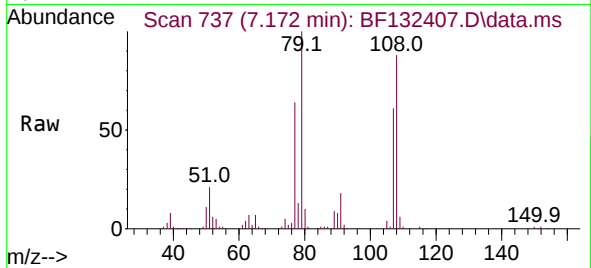
#15
Benzyl Alcohol
Concen: 30.985 ng
RT: 7.172 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

Instrument :
BNA_F
Client Sample Id :
SSTDICCC040

Tgt Ion: 79 Resp: 158033
Ion Ratio Lower Upper
79 100
108 87.7 70.2 105.2
77 63.9 51.1 76.7

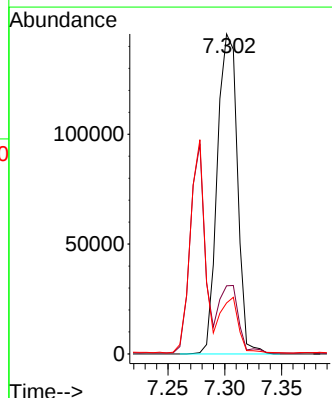
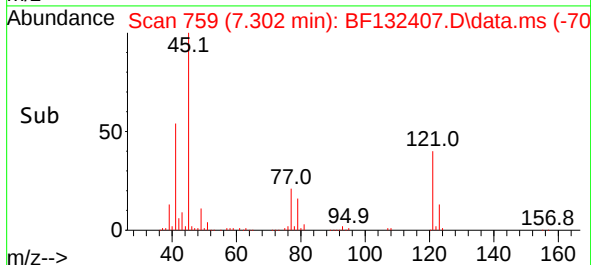
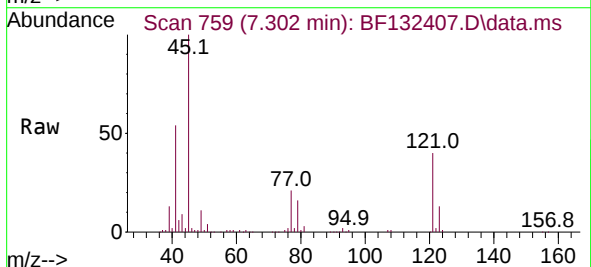
Manual Integrations
APPROVED

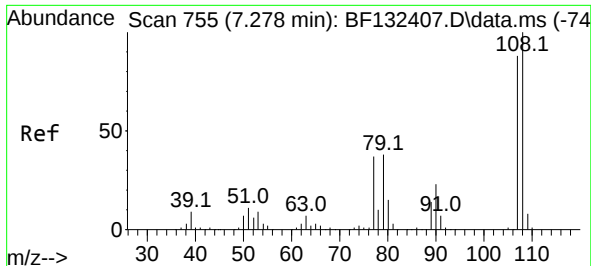
Reviewed By : Christian Giraldo 02/14/2023
Supervised By : Jagrut Upadhyay 02/14/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 28.525 ng
RT: 7.302 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

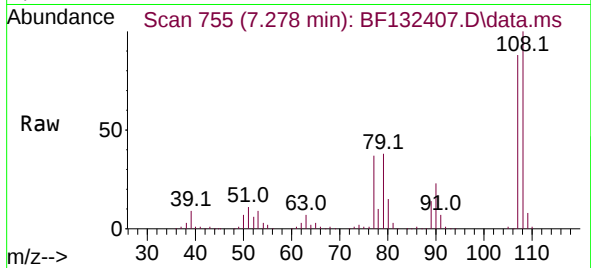
Tgt Ion: 45 Resp: 178945
Ion Ratio Lower Upper
45 100
77 21.3 1.3 41.3
79 15.9 0.0 35.9





#17
2-Methylphenol
Concen: 38.470 ng
RT: 7.278 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

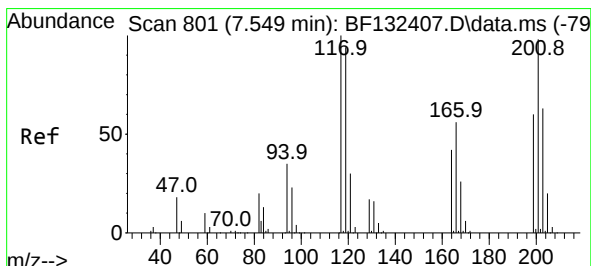
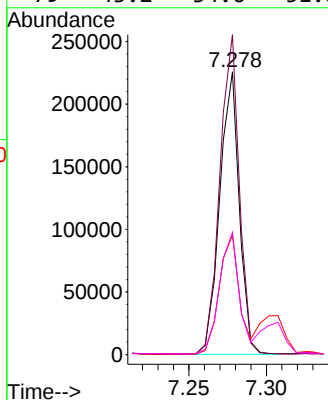
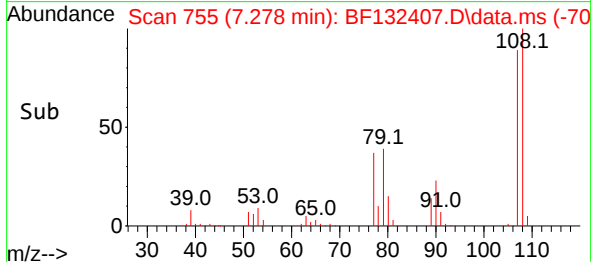
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:	107	Resp:	19774
Ion	Ratio	Lower	Upper
107	100		
108	113.2	90.6	135.8
77	42.3	33.8	50.8
79	43.2	34.6	51.8

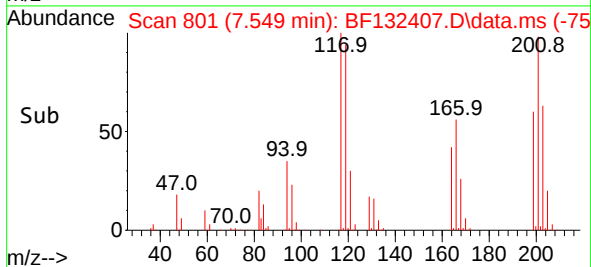
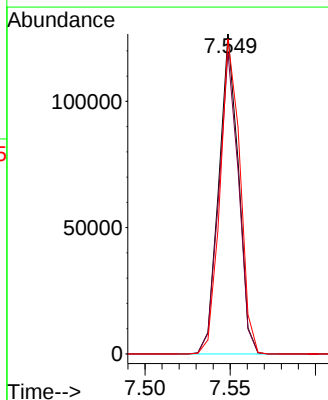
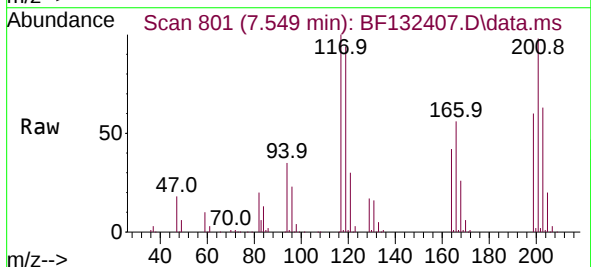
Manual Integrations
APPROVED

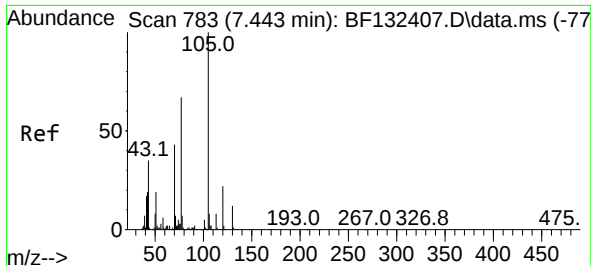
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#18
Hexachloroethane
Concen: 43.286 ng
RT: 7.549 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

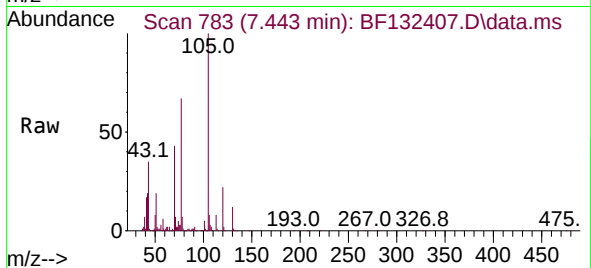
Tgt Ion:	117	Resp:	100669
Ion	Ratio	Lower	Upper
117	100		
119	94.1	75.3	112.9
201	98.4	78.7	118.1





#19
n-Nitroso-di-n-propylamine
Concen: 32.814 ng
RT: 7.443 min Scan# 783
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

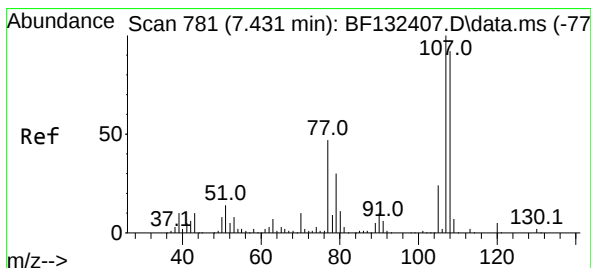
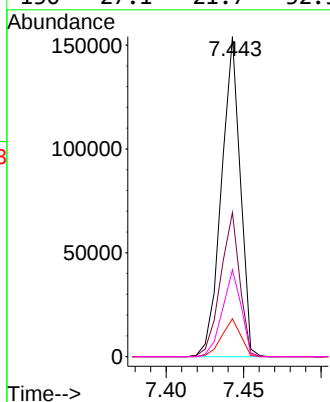
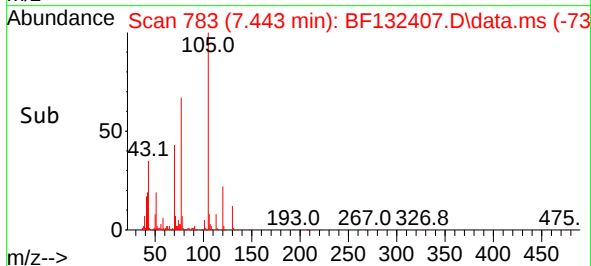
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



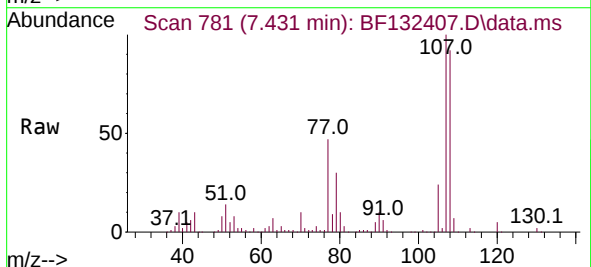
Tgt Ion: 70 Resp: 130286
Ion Ratio Lower Upper
70 100
42 45.0 36.0 54.0
101 11.8 9.4 14.2
130 27.1 21.7 32.5

Manual Integrations
APPROVED

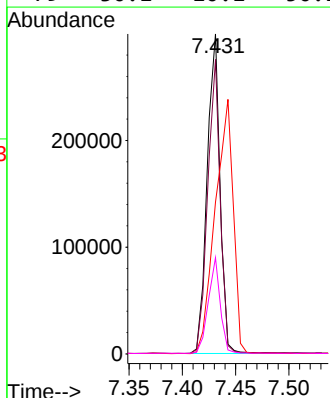
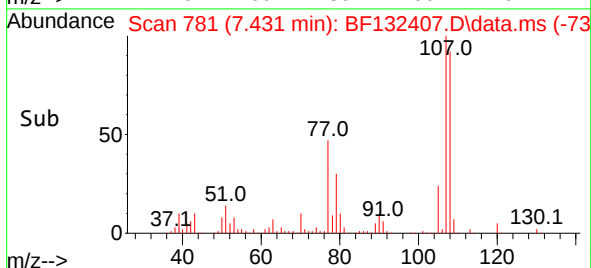
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

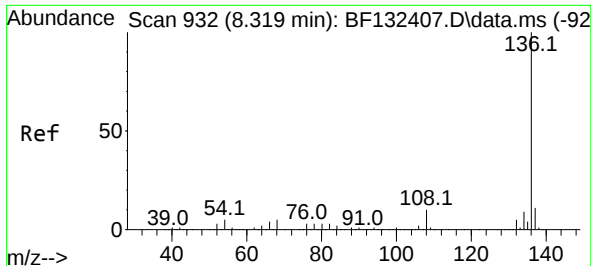


#20
3+4-Methylphenols
Concen: 38.375 ng
RT: 7.431 min Scan# 781
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27



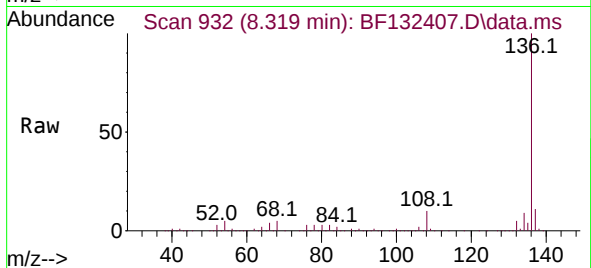
Tgt Ion:107 Resp: 251766
Ion Ratio Lower Upper
107 100
108 92.0 72.0 112.0
77 47.4 27.4 67.4
79 30.1 10.1 50.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.319 min Scan# 932
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

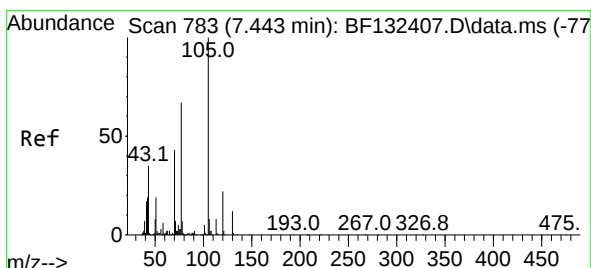
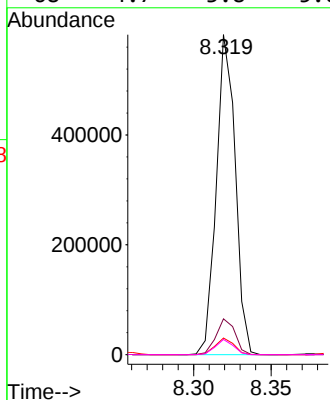
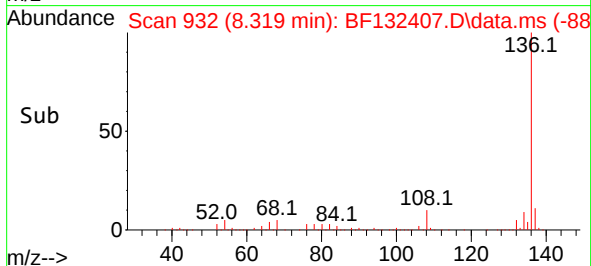
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



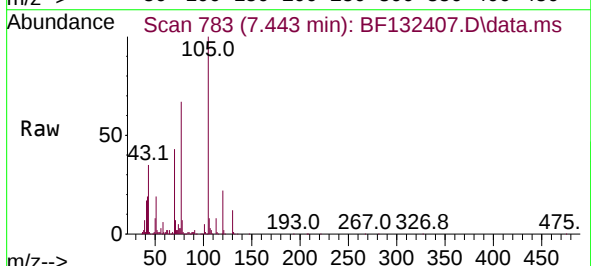
Tgt Ion:	136	Resp:	495035
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.4
54	5.2	4.2	6.2
68	4.7	3.8	5.6

Manual Integrations
APPROVED

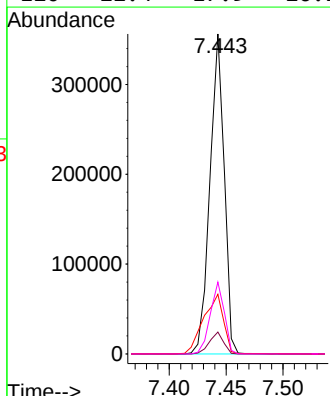
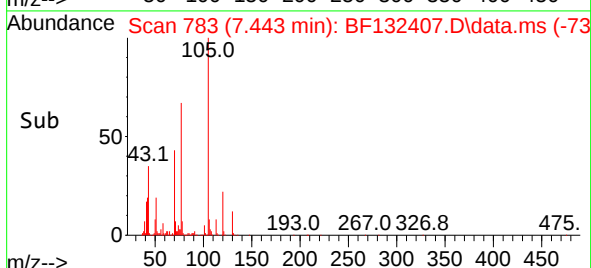
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

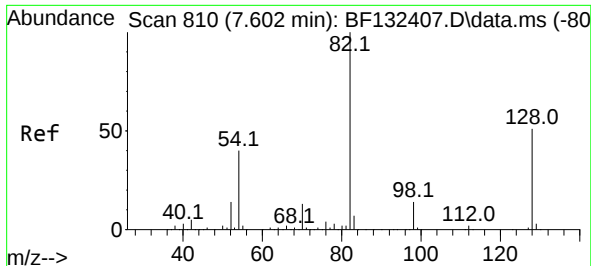


#22
Acetophenone
Concen: 26.797 ng
RT: 7.443 min Scan# 783
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27



Tgt Ion:	105	Resp:	311969
Ion Ratio	Lower	Upper	
105	100		
71	6.8	5.4	8.2
51	18.6	14.9	22.3
120	22.4	17.9	26.9





#23

Nitrobenzene-d5

Concen: 50.936 ng

RT: 7.602 min Scan# 810

Delta R.T. 0.000 min

Lab File: BF132407.D

Acq: 13 Feb 2023 13:27

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 453128

Ion Ratio Lower Upper

82 100

128 50.9 40.7 61.1

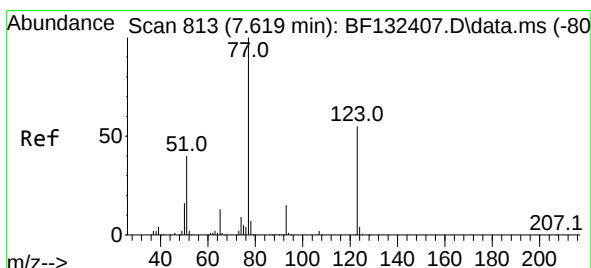
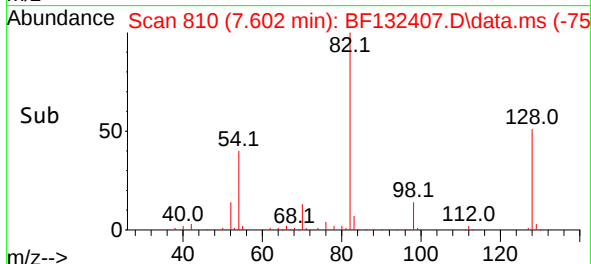
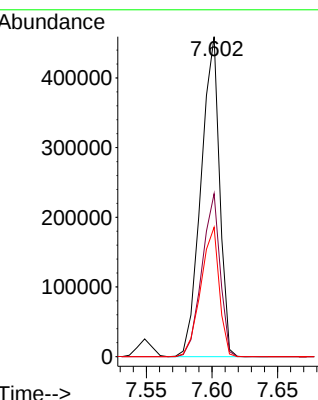
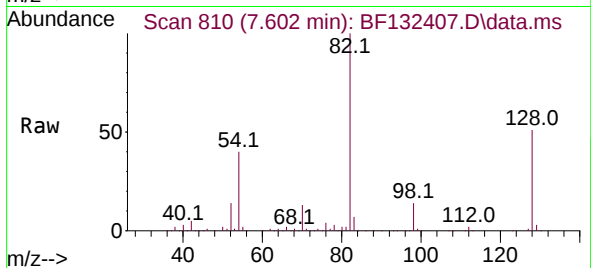
54 40.4 32.3 48.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/14/2023

Supervised By :Jagrut Upadhyay 02/14/2023



#24

Nitrobenzene

Concen: 24.457 ng

RT: 7.619 min Scan# 813

Delta R.T. 0.000 min

Lab File: BF132407.D

Acq: 13 Feb 2023 13:27

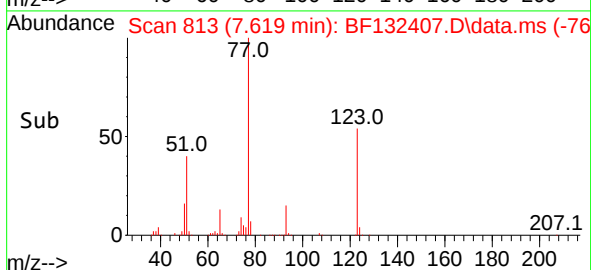
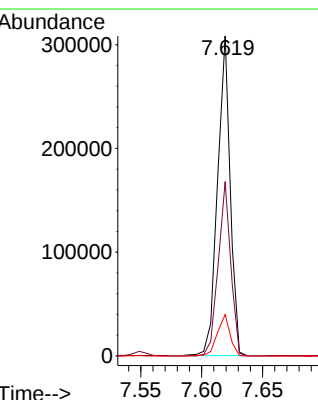
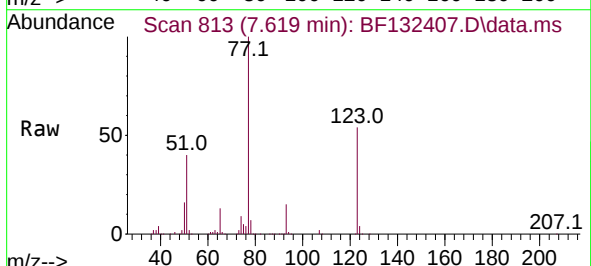
Tgt Ion: 77 Resp: 222269

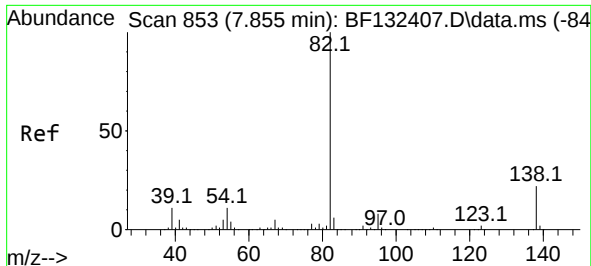
Ion Ratio Lower Upper

77 100

123 54.5 43.6 65.4

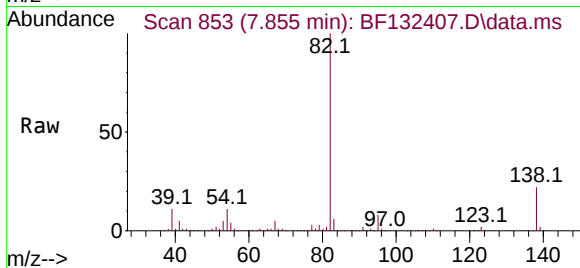
65 12.9 10.3 15.5





#25
Isophorone
Concen: 31.497 ng
RT: 7.855 min Scan# 853
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

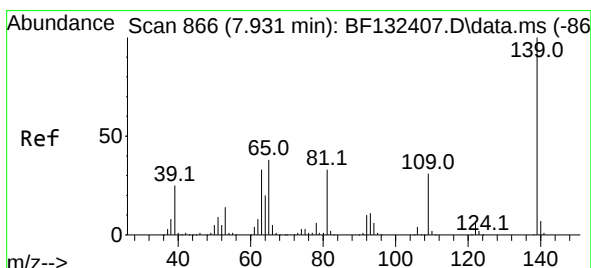
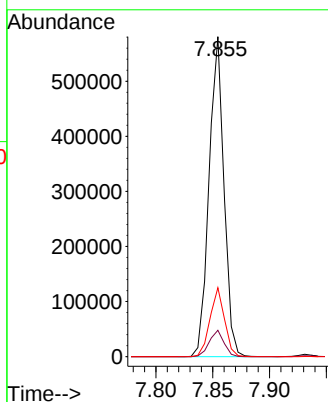
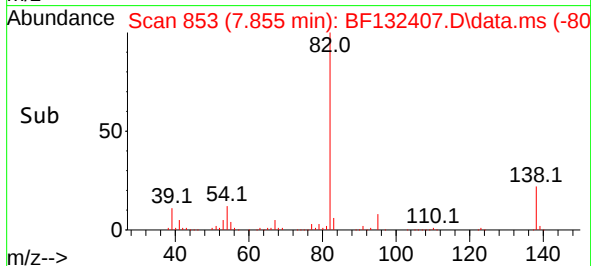
Instrument :
BNA_F
Client Sample Id :
SSTDICCC040



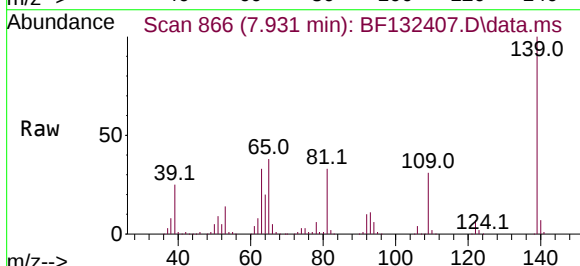
Tgt Ion: 82 Resp: 531805
Ion Ratio Lower Upper
82 100
95 8.2 6.6 9.8
138 21.5 17.2 25.8

Manual Integrations
APPROVED

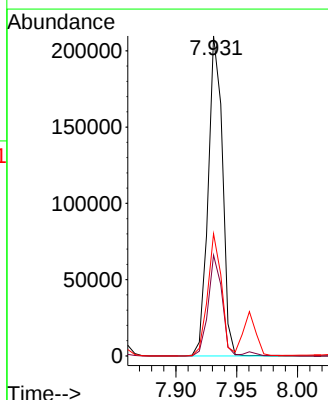
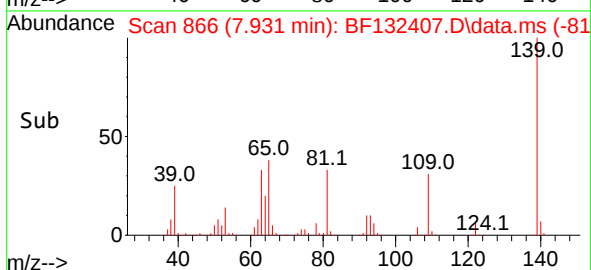
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

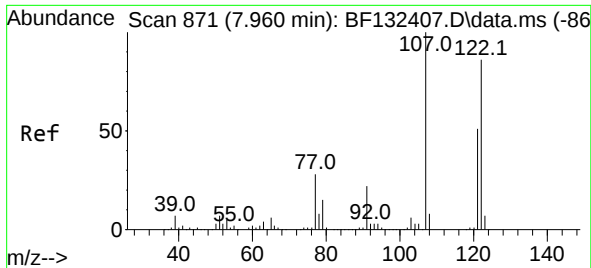


#26
2-Nitrophenol
Concen: 38.745 ng
RT: 7.931 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27



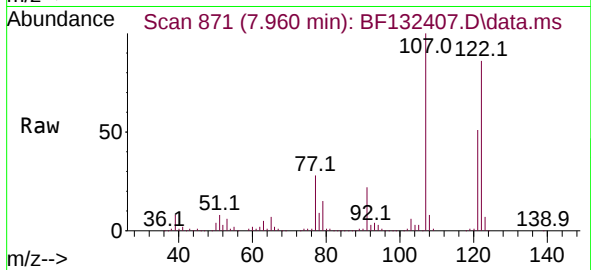
Tgt Ion:139 Resp: 171516
Ion Ratio Lower Upper
139 100
109 31.5 25.2 37.8
65 38.2 30.6 45.8





#27
2,4-Dimethylphenol
Concen: 36.922 ng m
RT: 7.960 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

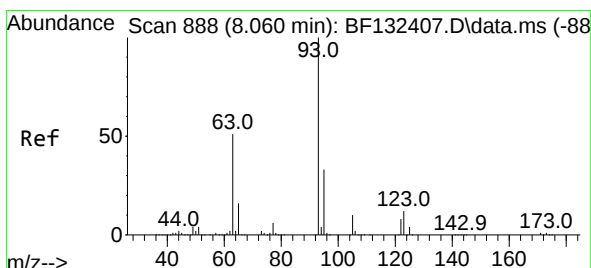
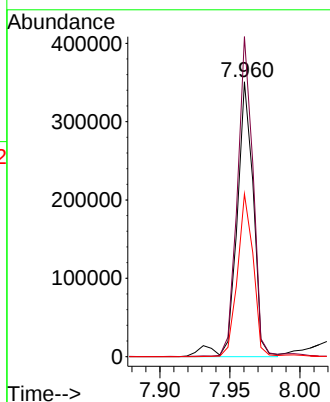
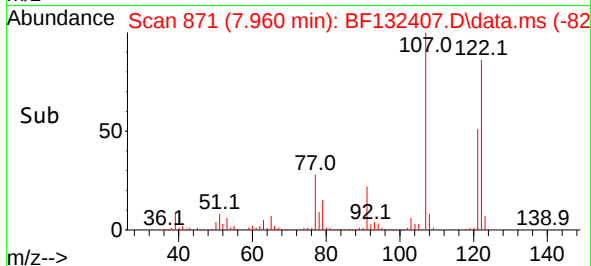
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



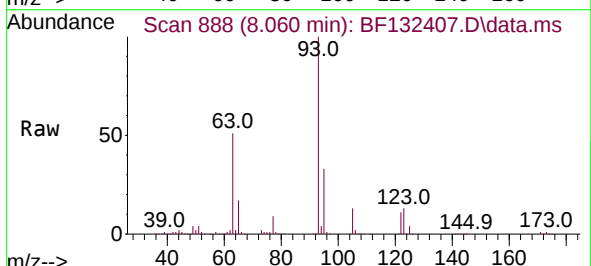
Tgt Ion:122 Resp: 286088
Ion Ratio Lower Upper
122 100
107 116.5 93.2 139.8
121 59.2 47.4 71.0

Manual Integrations
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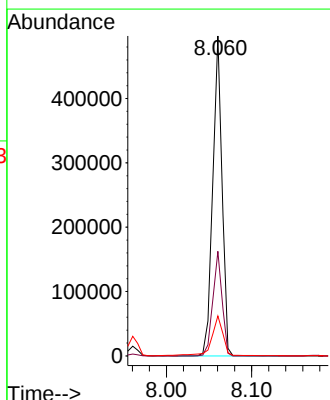
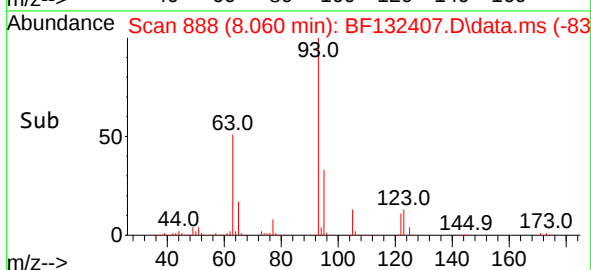
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

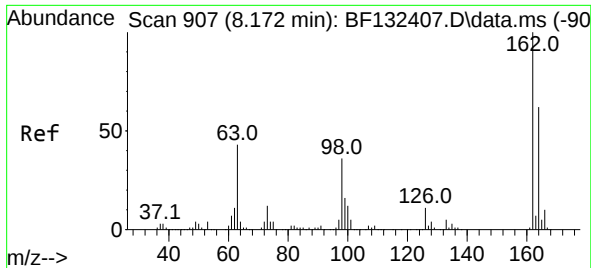


#28
bis(2-Chloroethoxy)methane
Concen: 36.222 ng
RT: 8.060 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27



Tgt Ion: 93 Resp: 375844
Ion Ratio Lower Upper
93 100
95 32.7 26.2 39.2
123 12.5 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 43.328 ng

RT: 8.172 min Scan# 907

Delta R.T. 0.000 min

Lab File: BF132407.D

Acq: 13 Feb 2023 13:27

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:162 Resp: 298068

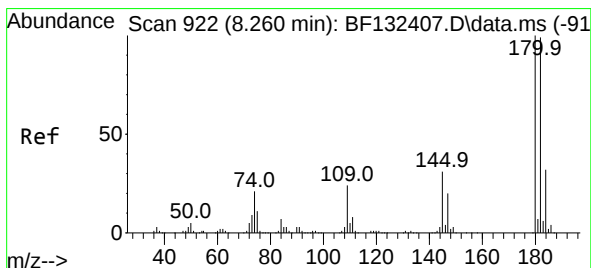
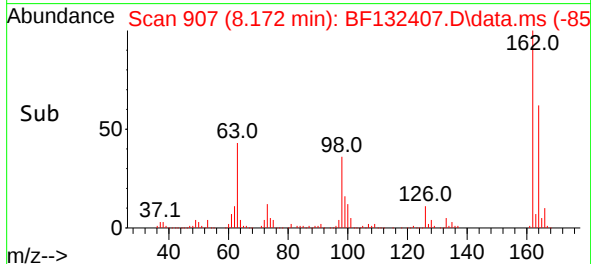
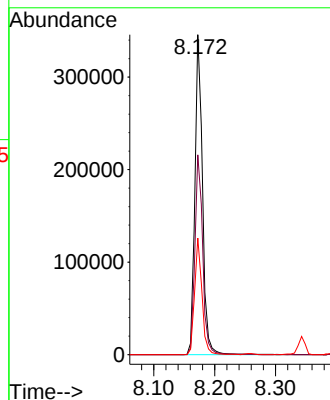
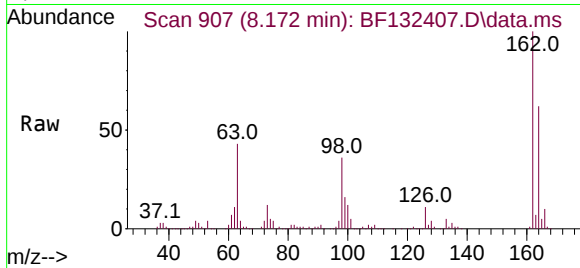
Ion	Ratio	Lower	Upper
162	100		
164	62.4	42.4	82.4
98	36.4	16.4	56.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/14/2023

Supervised By :Jagrut Upadhyay 02/14/2023



#30

1,2,4-Trichlorobenzene

Concen: 44.719 ng

RT: 8.260 min Scan# 922

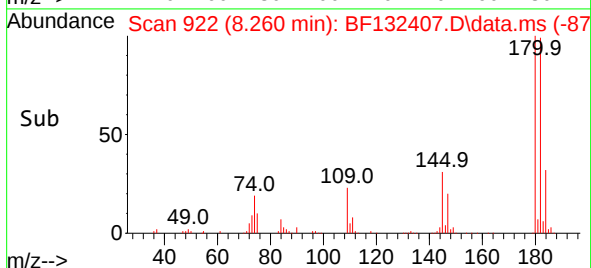
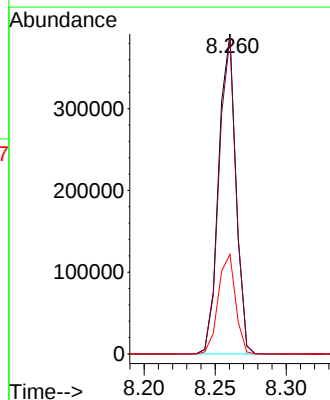
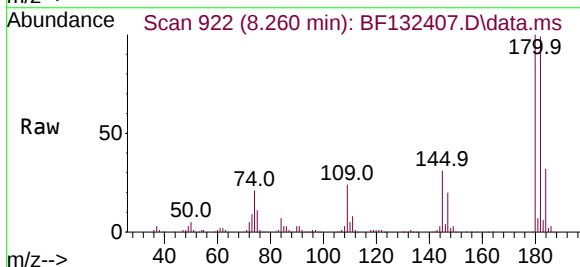
Delta R.T. 0.000 min

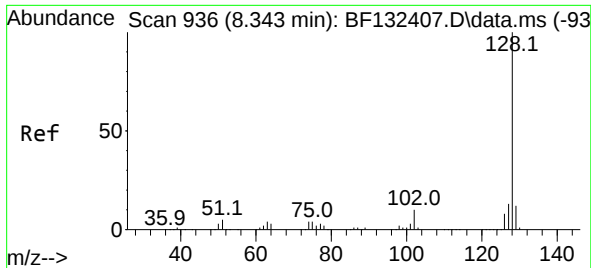
Lab File: BF132407.D

Acq: 13 Feb 2023 13:27

Tgt Ion:180 Resp: 329436

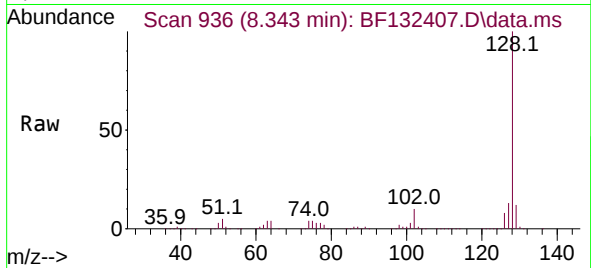
Ion	Ratio	Lower	Upper
180	100		
182	98.8	79.0	118.6
145	31.1	24.9	37.3





#31
Naphthalene
Concen: 41.585 ng
RT: 8.343 min Scan# 936
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

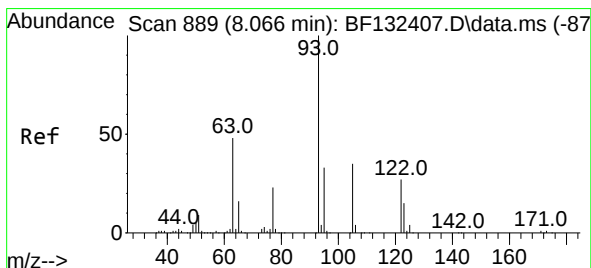
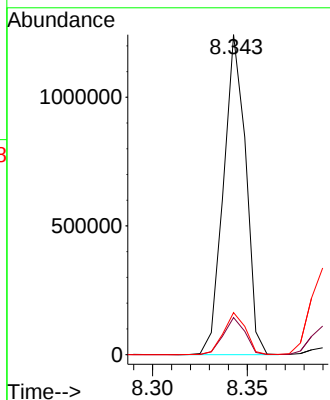
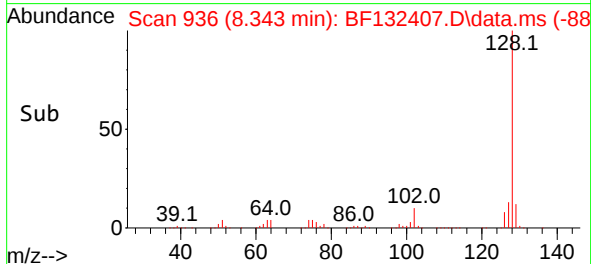
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:128 Resp: 1013295
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.1 10.5 15.7

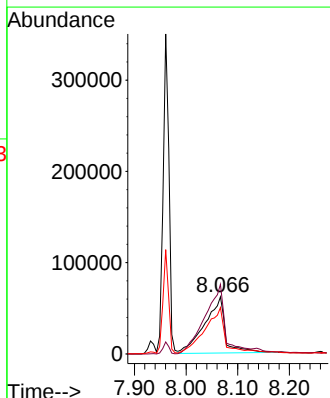
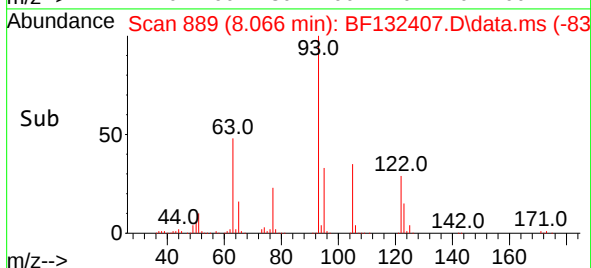
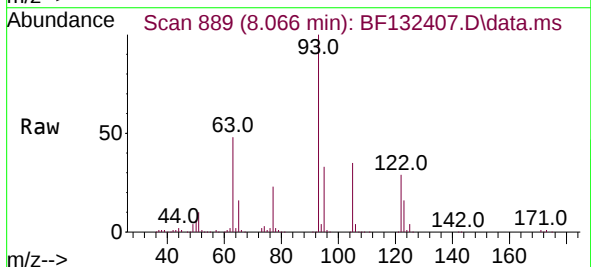
Manual Integrations
APPROVED

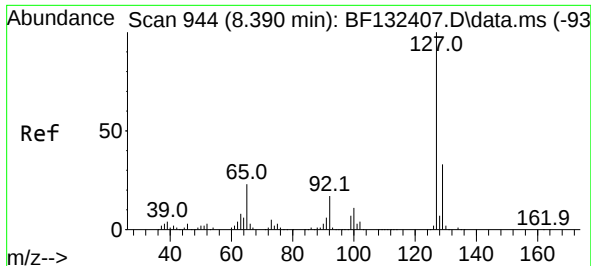
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#32
Benzoic acid
Concen: 29.960 ng
RT: 8.066 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

Tgt Ion:122 Resp: 171837
Ion Ratio Lower Upper
122 100
105 121.9 101.9 141.9
77 81.1 61.1 101.1





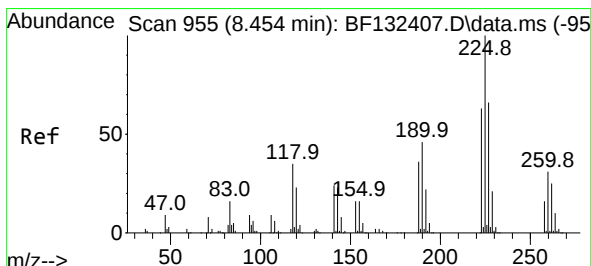
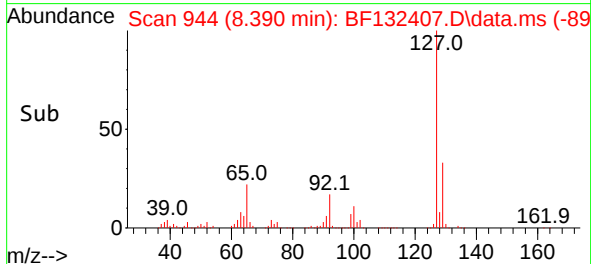
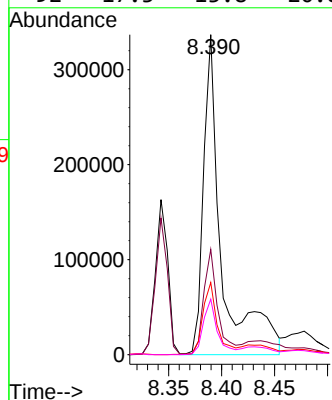
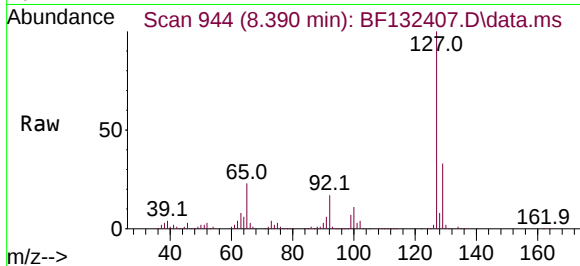
#33
4-Chloroaniline
Concen: 37.582 ng m
RT: 8.390 min Scan# 944
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:	127	Resp:	406079
Ion Ratio	Lower	Upper	
127	100		
129	32.9	26.3	39.5
65	22.5	18.0	27.0
92	17.3	13.8	20.8

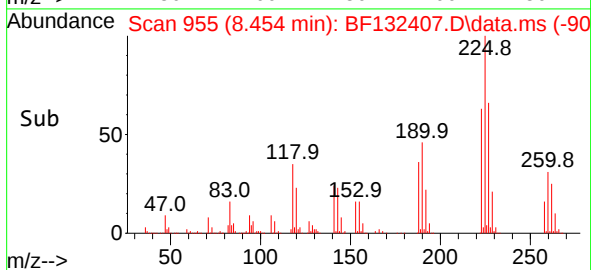
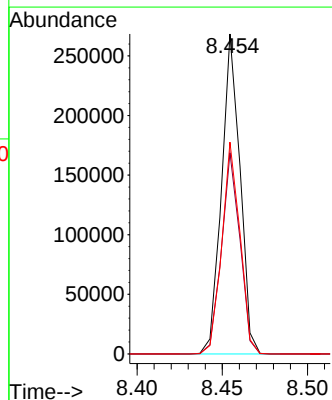
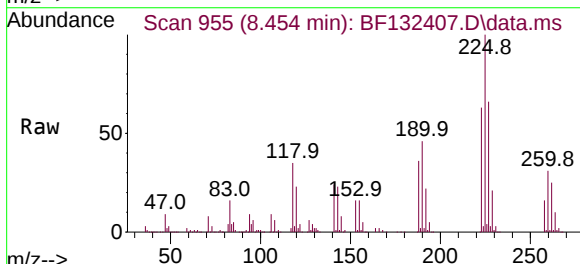
Manual Integrations
APPROVED

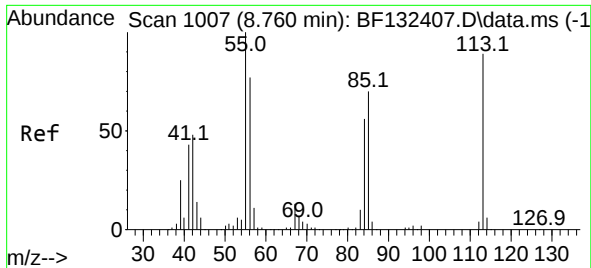
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#34
Hexachlorobutadiene
Concen: 48.700 ng
RT: 8.454 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

Tgt Ion:	225	Resp:	201687
Ion Ratio	Lower	Upper	
225	100		
223	62.8	50.2	75.4
227	66.2	53.0	79.4





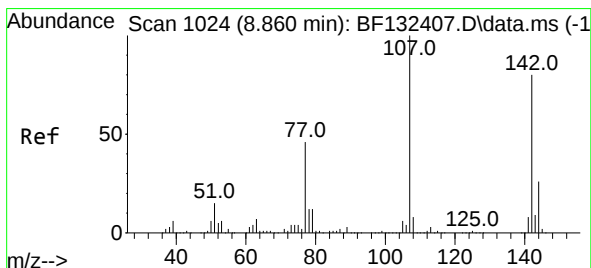
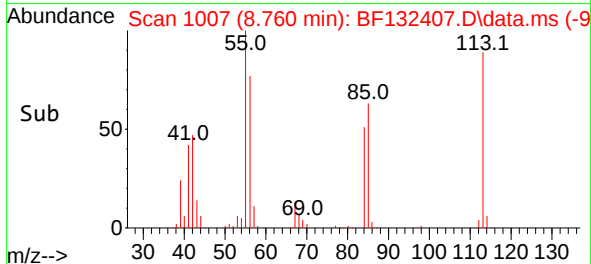
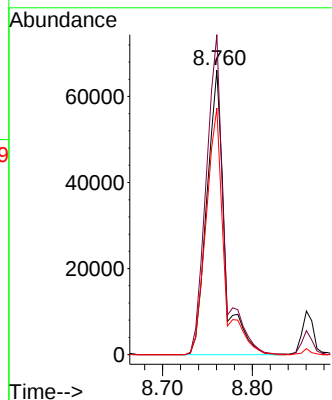
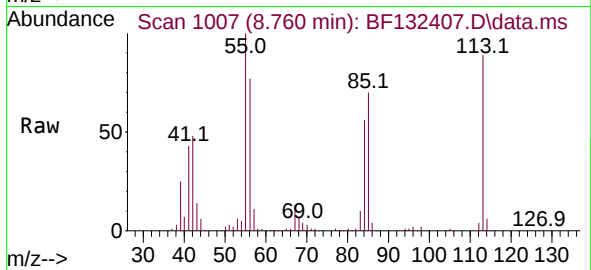
#35
Caprolactam
Concen: 38.403 ng
RT: 8.760 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:113 Resp: 90064
Ion Ratio Lower Upper
113 100
55 112.5 92.5 132.5
56 86.6 66.6 106.6

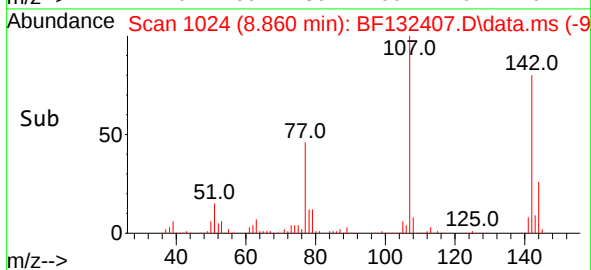
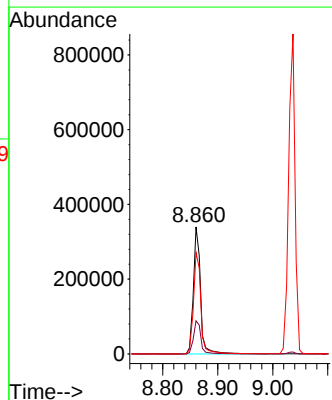
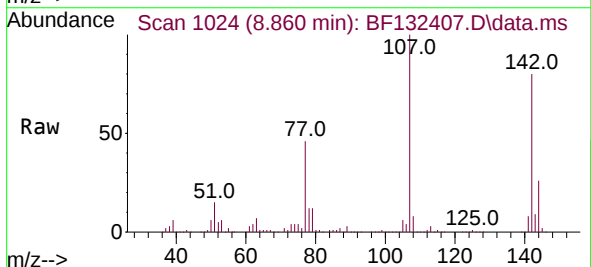
Manual Integrations
APPROVED

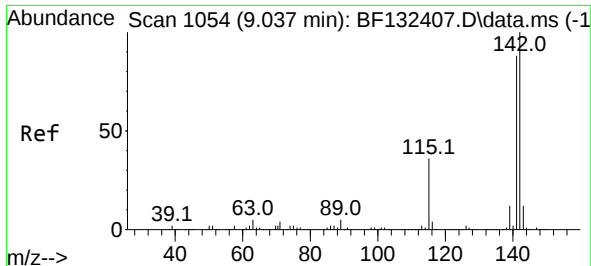
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#36
4-Chloro-3-methylphenol
Concen: 41.522 ng
RT: 8.860 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

Tgt Ion:107 Resp: 307733
Ion Ratio Lower Upper
107 100
144 26.0 20.8 31.2
142 79.9 63.9 95.9





#37

2-Methylnaphthalene

Concen: 42.121 ng

RT: 9.037 min Scan# 1054

Delta R.T. 0.000 min

Lab File: BF132407.D

Acq: 13 Feb 2023 13:27

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:142 Resp: 69522

Ion Ratio Lower Upper

142 100

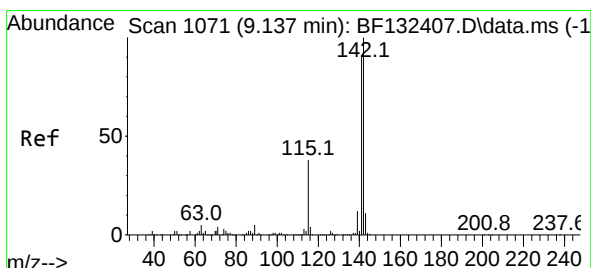
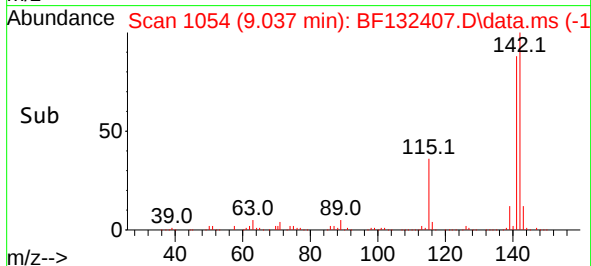
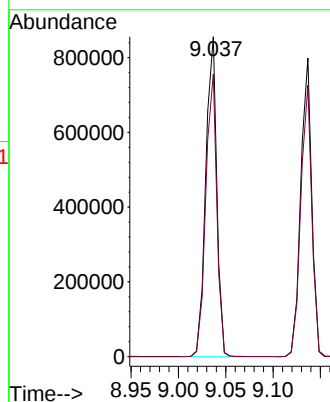
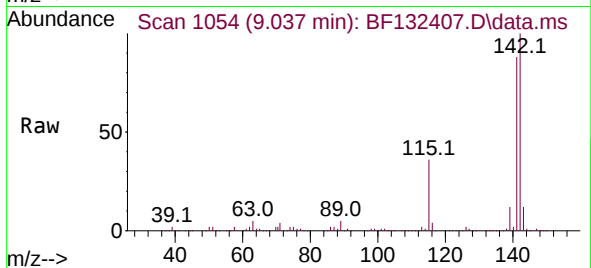
141 88.3 70.6 106.0

Manual Integrations

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Reviewed By :Christian Giraldo 02/14/2023

Supervised By :Jagrut Upadhyay 02/14/2023



#38

1-Methylnaphthalene

Concen: 42.133 ng

RT: 9.137 min Scan# 1071

Delta R.T. 0.000 min

Lab File: BF132407.D

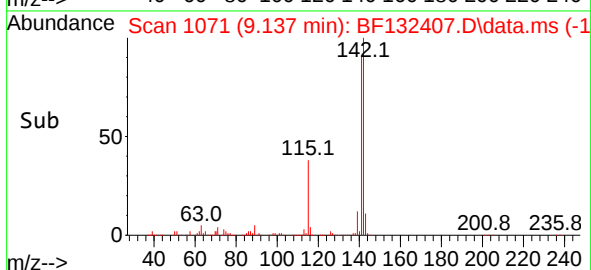
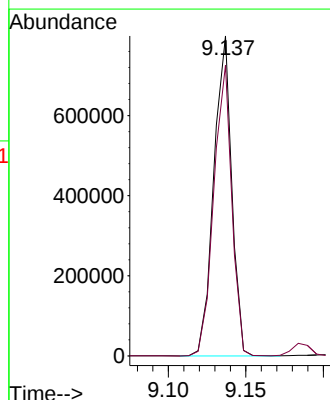
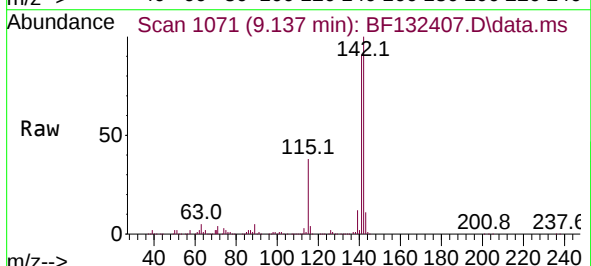
Acq: 13 Feb 2023 13:27

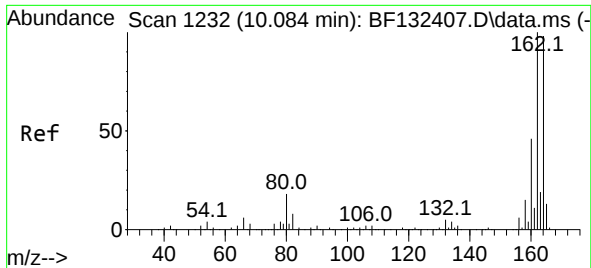
Tgt Ion:142 Resp: 646263

Ion Ratio Lower Upper

142 100

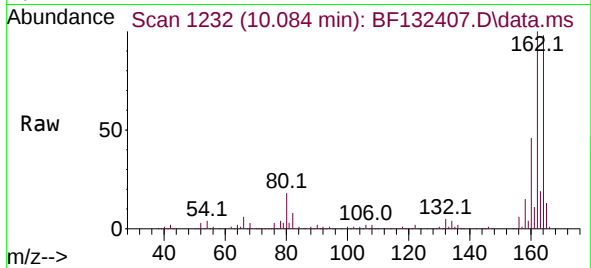
141 90.9 72.7 109.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.084 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

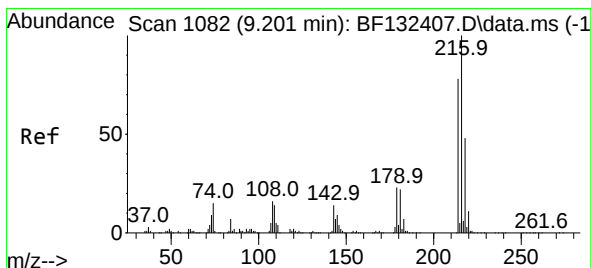
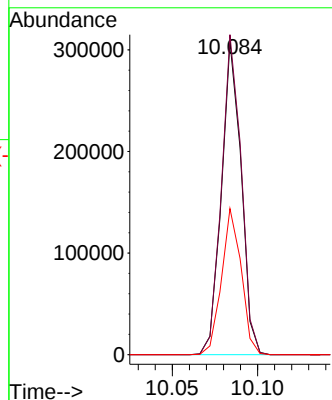
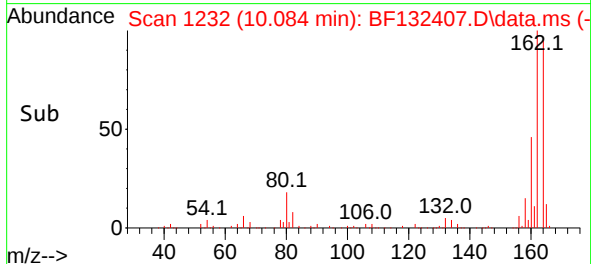
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



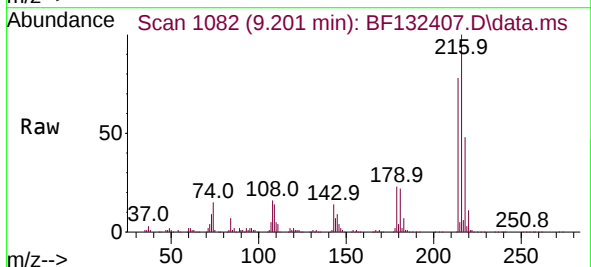
Tgt Ion:164 Resp: 246609
Ion Ratio Lower Upper
164 100
162 102.2 81.8 122.6
160 46.7 37.4 56.0

Manual Integrations
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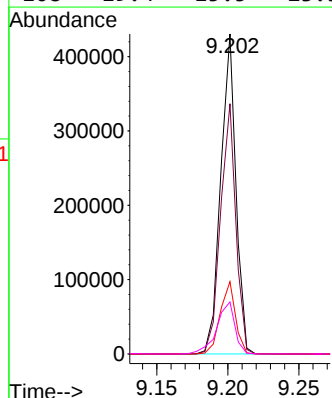
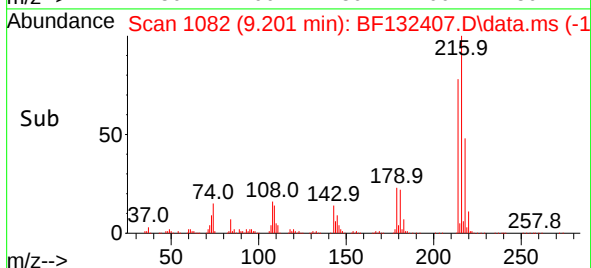
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

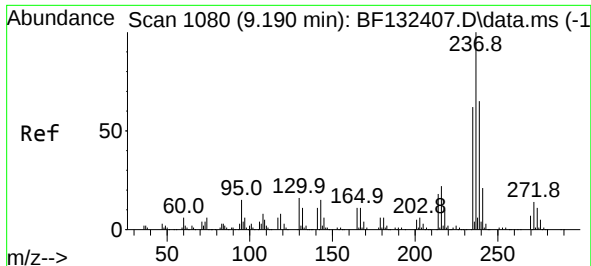


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.103 ng
RT: 9.201 min Scan# 1082
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27



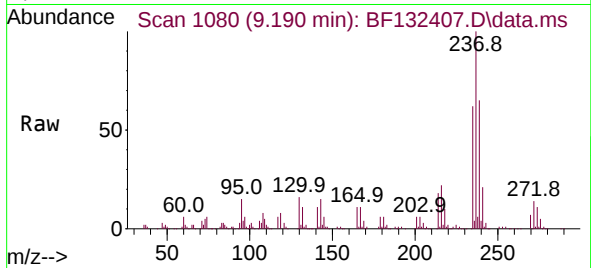
Tgt Ion:216 Resp: 319951
Ion Ratio Lower Upper
216 100
214 78.7 63.0 94.4
179 22.6 18.1 27.1
108 19.4 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 50.575 ng
RT: 9.190 min Scan# 1080
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

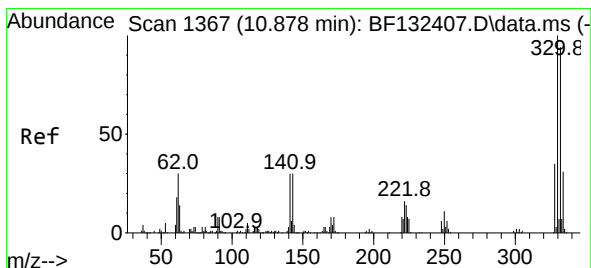
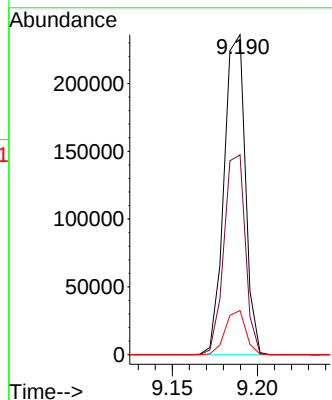
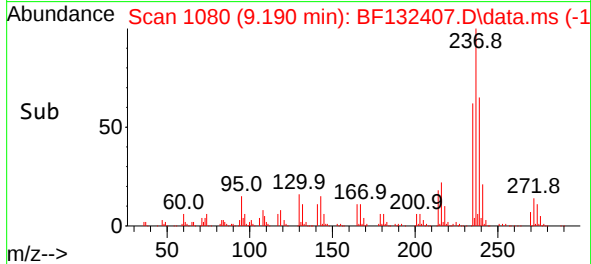
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



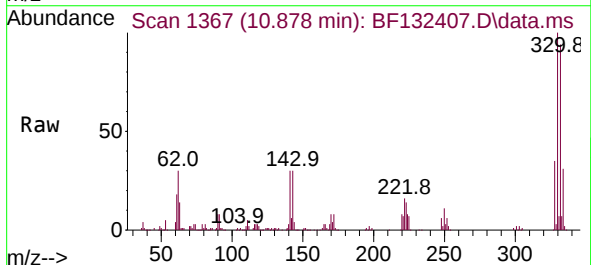
Tgt Ion:237 Resp: 204775
Ion Ratio Lower Upper
237 100
235 62.4 42.4 82.4
272 13.8 0.0 33.8

Manual Integrations
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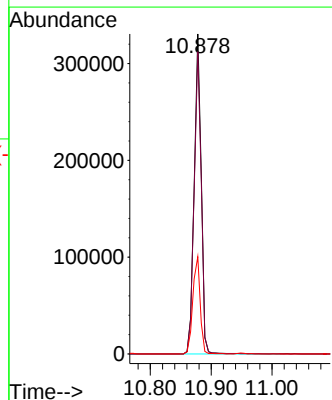
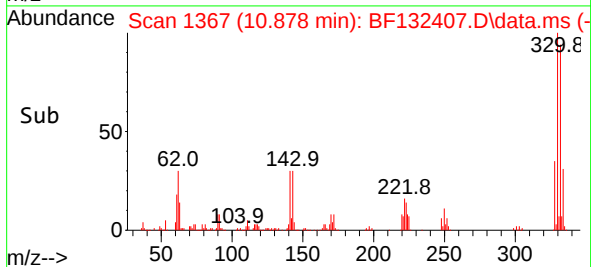
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

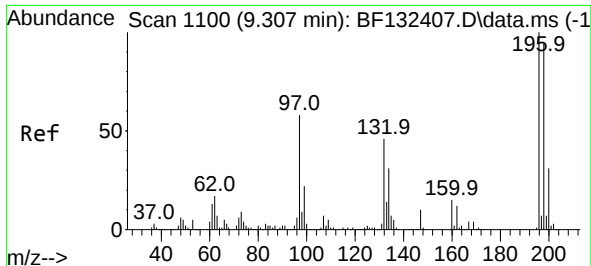


#42
2,4,6-Tribromophenol
Concen: 104.449 ng
RT: 10.878 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27



Tgt Ion:330 Resp: 264886
Ion Ratio Lower Upper
330 100
332 95.9 76.7 115.1
141 31.8 25.4 38.2





#43

2,4,6-Trichlorophenol

Concen: 44.359 ng

RT: 9.307 min Scan# 1100

Delta R.T. 0.000 min

Lab File: BF132407.D

Acq: 13 Feb 2023 13:27

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:196 Resp: 22005

Ion Ratio Lower Upper

196 100

198 93.9 75.1 112.7

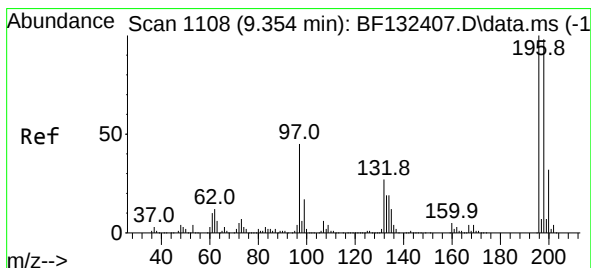
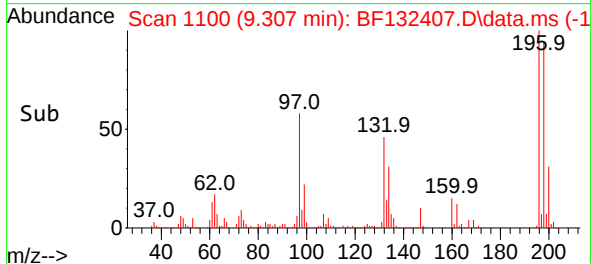
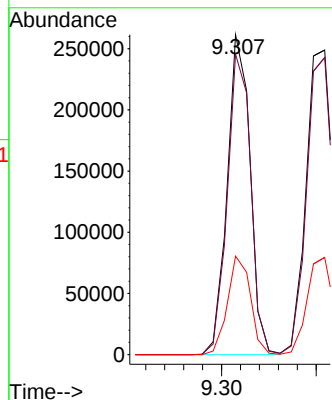
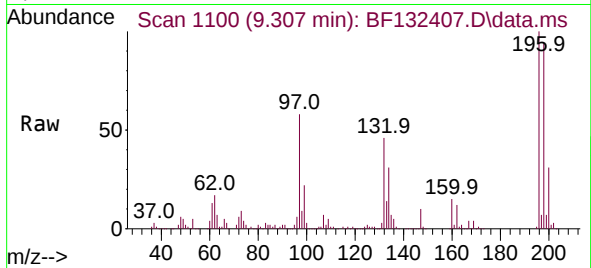
200 30.8 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/14/2023

Supervised By :Jagrut Upadhyay 02/14/2023



#44

2,4,5-Trichlorophenol

Concen: 44.234 ng

RT: 9.354 min Scan# 1108

Delta R.T. 0.000 min

Lab File: BF132407.D

Acq: 13 Feb 2023 13:27

Tgt Ion:196 Resp: 252570

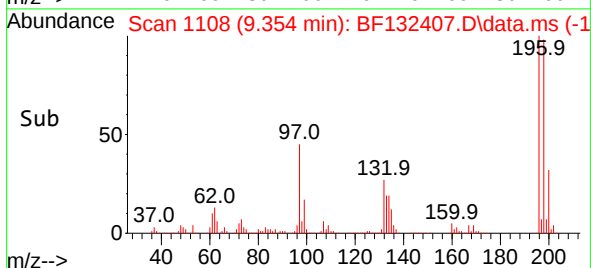
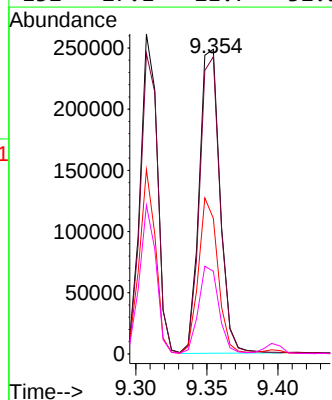
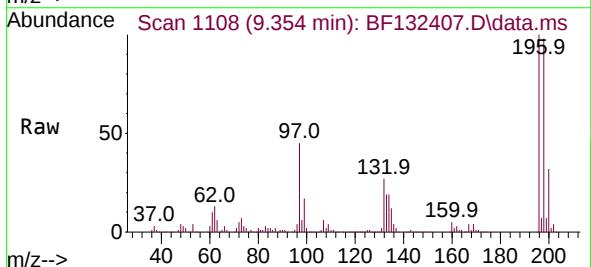
Ion Ratio Lower Upper

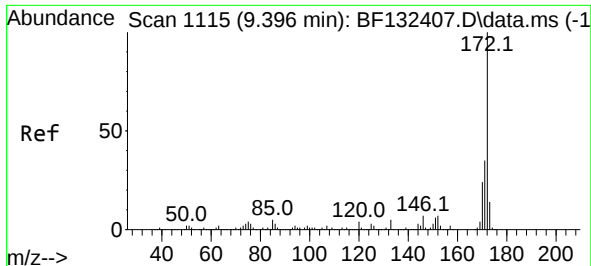
196 100

198 97.5 78.0 117.0

97 44.5 35.6 53.4

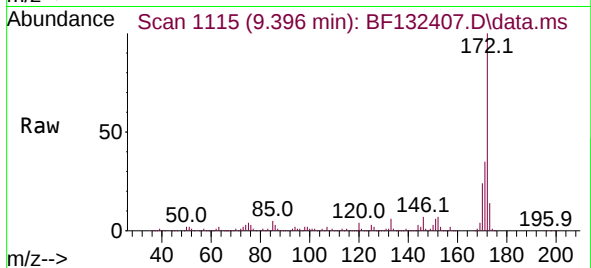
132 27.1 21.7 32.5





#45
2-Fluorobiphenyl
Concen: 83.122 ng
RT: 9.396 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

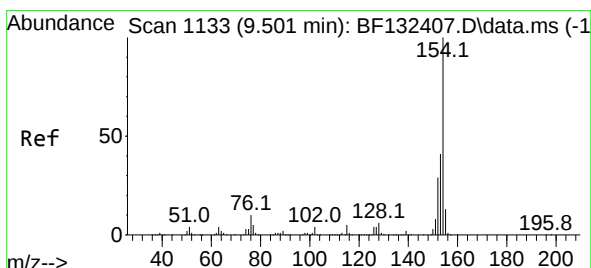
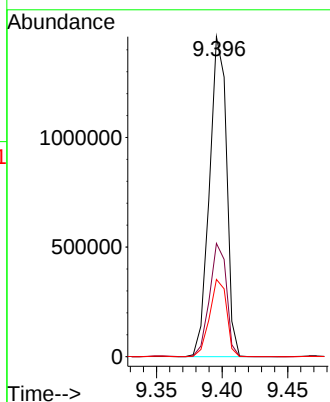
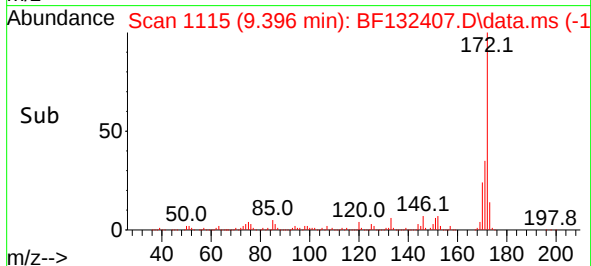
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



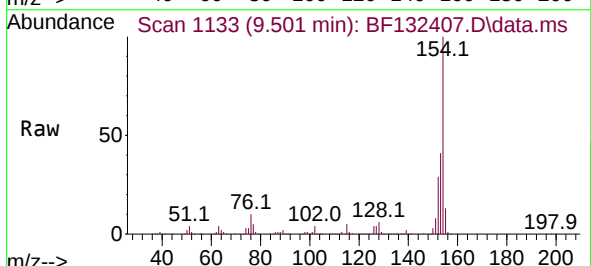
Tgt Ion:172 Resp: 1327413
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 24.1 19.3 28.9

Manual Integrations
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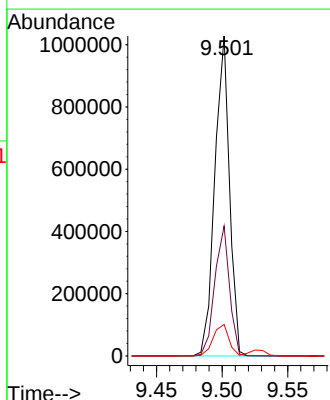
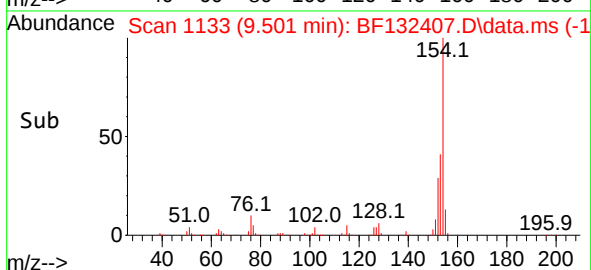
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

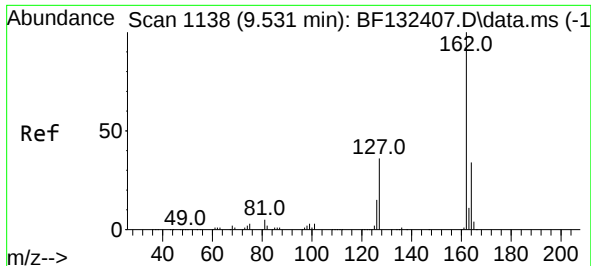


#46
1,1'-Biphenyl
Concen: 42.147 ng
RT: 9.501 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27



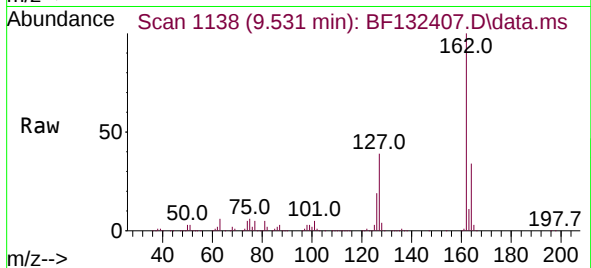
Tgt Ion:154 Resp: 801299
Ion Ratio Lower Upper
154 100
153 40.6 20.6 60.6
76 9.8 0.0 29.8





#47
2-Chloronaphthalene
Concen: 42.674 ng
RT: 9.531 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

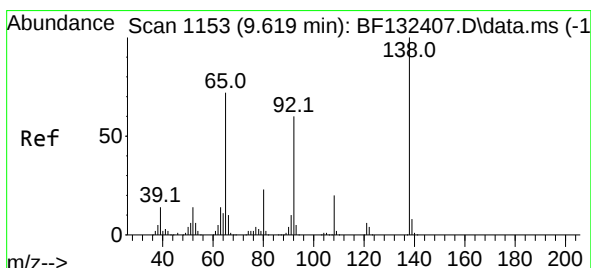
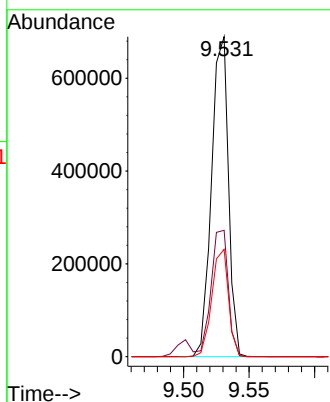
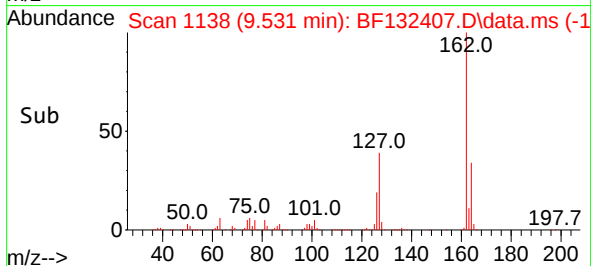
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



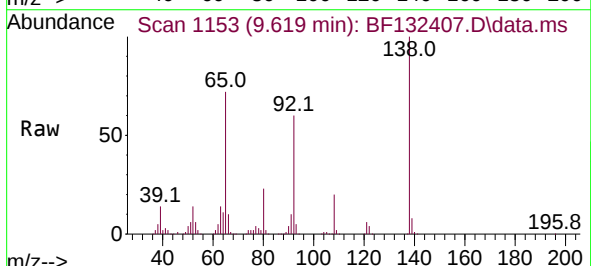
Tgt Ion:162 Resp: 617942
Ion Ratio Lower Upper
162 100
127 39.5 31.6 47.4
164 33.5 26.8 40.2

Manual Integrations
APPROVED

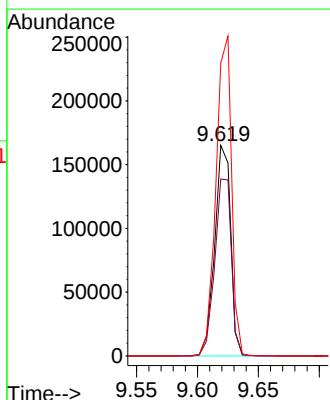
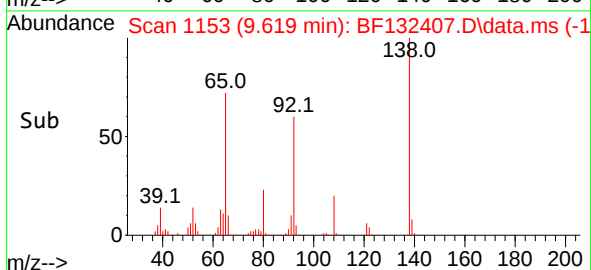
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

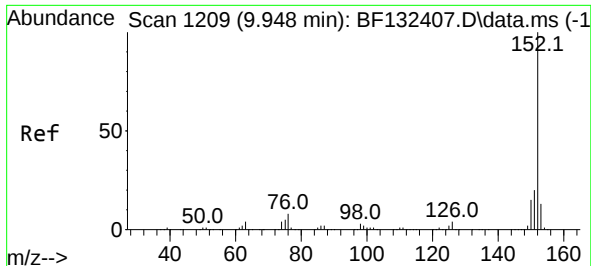


#48
2-Nitroaniline
Concen: 35.041 ng
RT: 9.619 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27



Tgt Ion: 65 Resp: 150906
Ion Ratio Lower Upper
65 100
92 84.0 67.2 100.8
138 139.0 111.2 166.8





#49

Acenaphthylene

Concen: 41.613 ng

RT: 9.948 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF132407.D

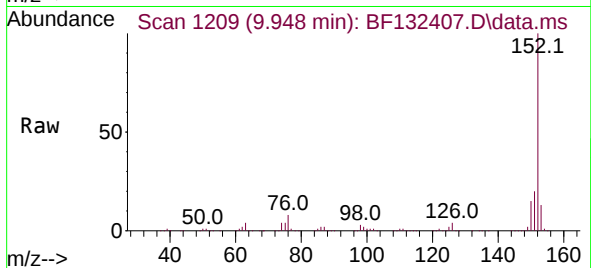
Acq: 13 Feb 2023 13:27

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



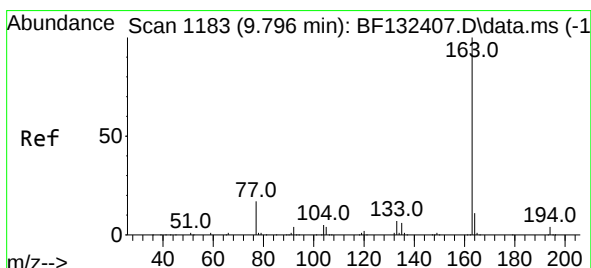
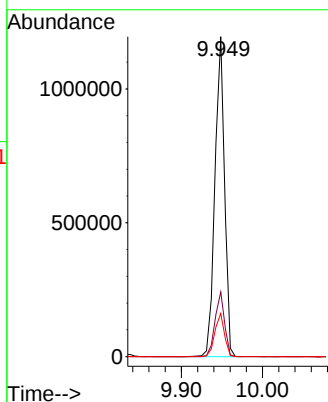
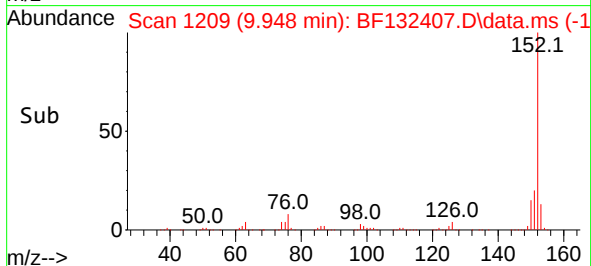
Tgt Ion:152 Resp: 98345

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.5	10.8	16.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#50

Dimethylphthalate

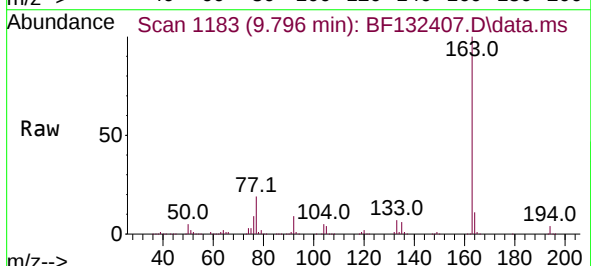
Concen: 43.075 ng

RT: 9.796 min Scan# 1183

Delta R.T. 0.000 min

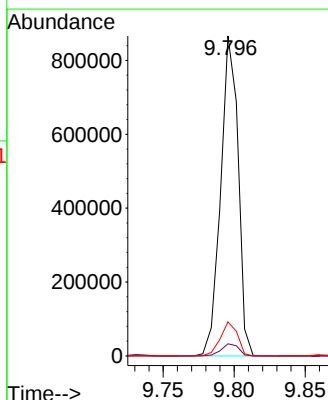
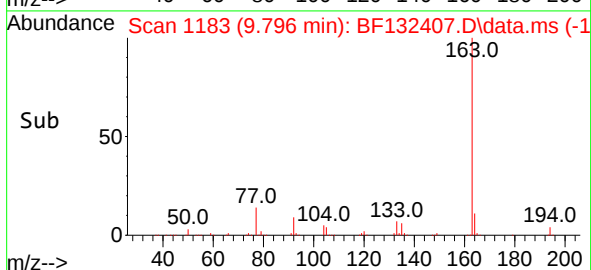
Lab File: BF132407.D

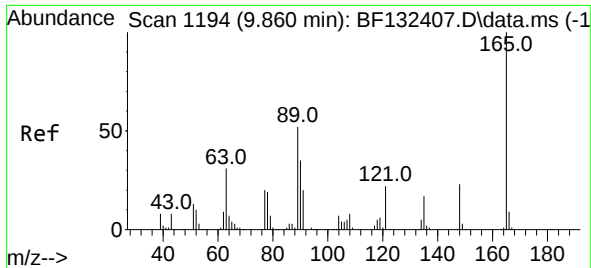
Acq: 13 Feb 2023 13:27



Tgt Ion:163 Resp: 743071

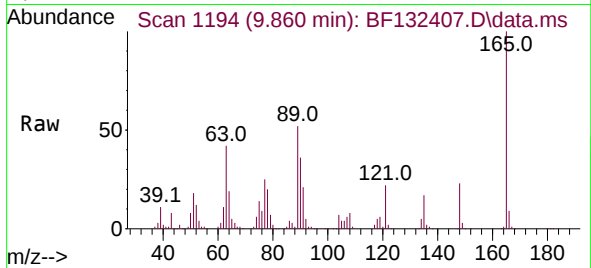
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.6	8.5	12.7





#51
2,6-Dinitrotoluene
Concen: 43.733 ng
RT: 9.860 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

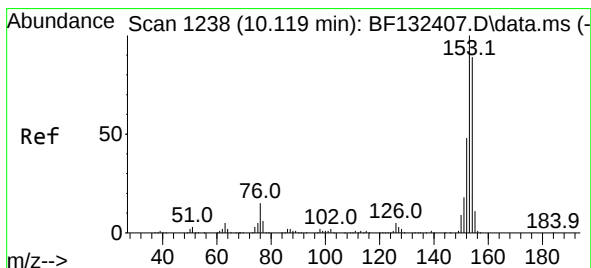
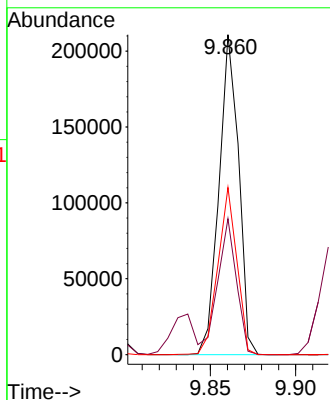
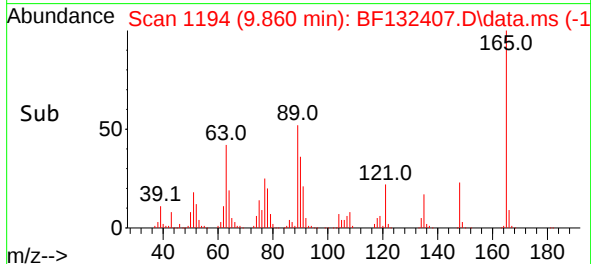
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



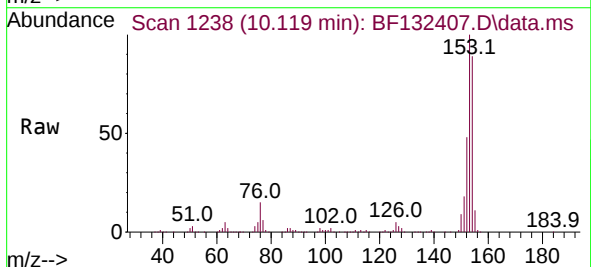
Tgt Ion:165 Resp: 168496
Ion Ratio Lower Upper
165 100
63 42.5 34.0 51.0
89 52.2 41.8 62.6

Manual Integrations
APPROVED

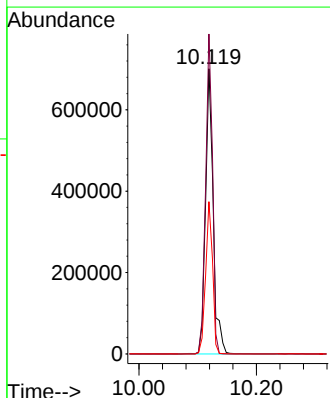
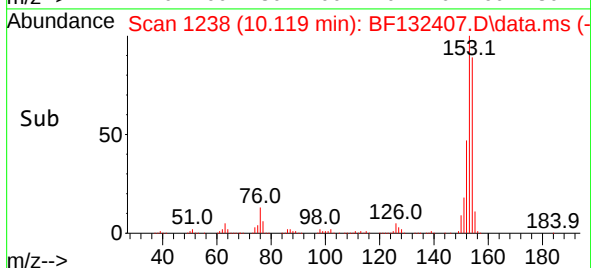
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

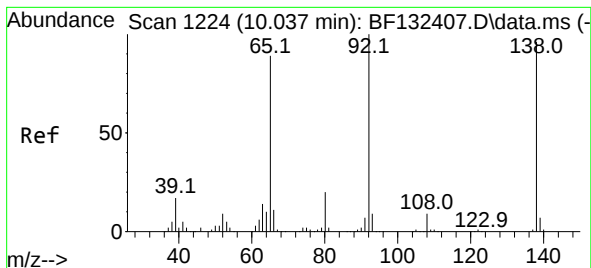


#52
Acenaphthene
Concen: 42.916 ng
RT: 10.119 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27



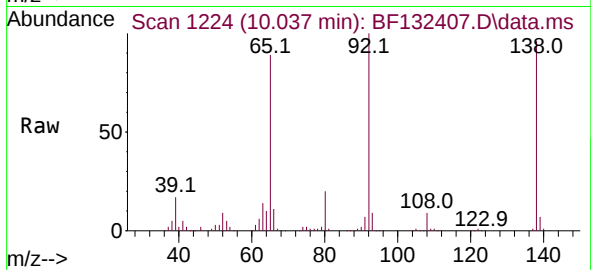
Tgt Ion:154 Resp: 634976
Ion Ratio Lower Upper
154 100
153 112.2 89.8 134.6
152 53.4 42.7 64.1





#53
3-Nitroaniline
Concen: 40.548 ng
RT: 10.037 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

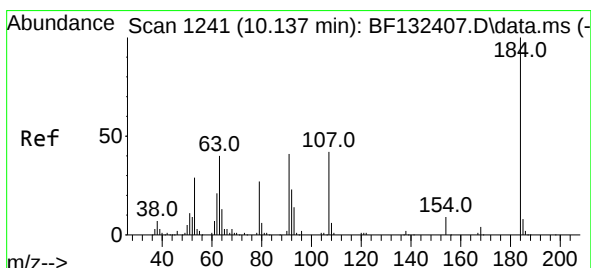
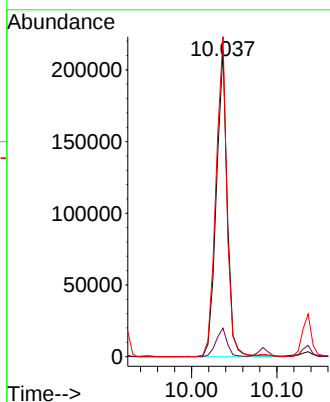
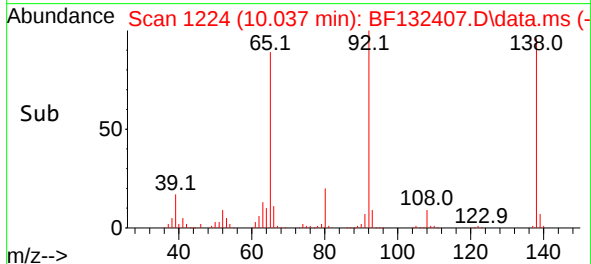
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:138 Resp: 189446
Ion Ratio Lower Upper
138 100
108 9.3 7.4 11.2
92 104.6 83.7 125.5

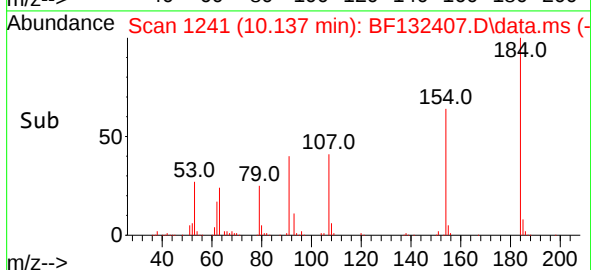
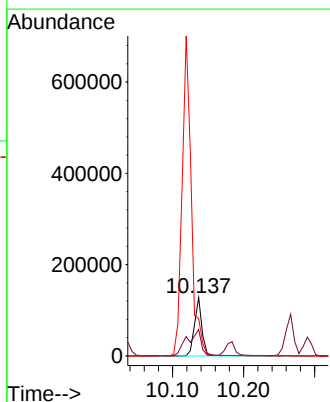
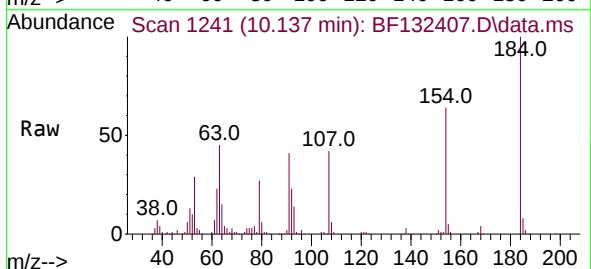
Manual Integrations
APPROVED

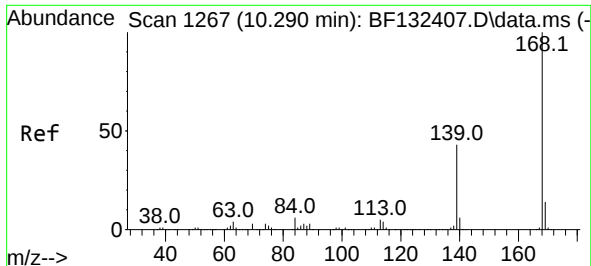
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#54
2,4-Dinitrophenol
Concen: 47.774 ng
RT: 10.137 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

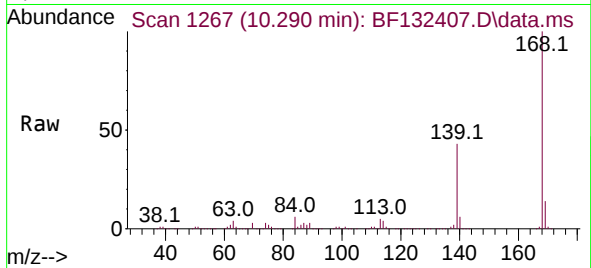
Tgt Ion:184 Resp: 94931
Ion Ratio Lower Upper
184 100
63 45.2 36.2 54.2
154 64.2 51.4 77.0





#55
Dibenzofuran
Concen: 42.033 ng
RT: 10.290 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

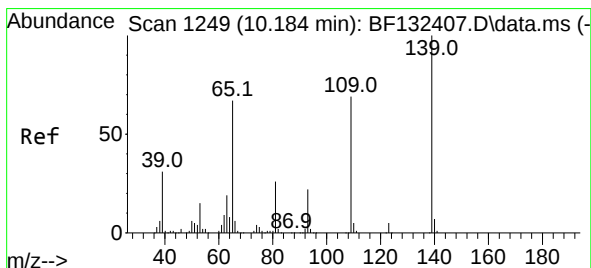
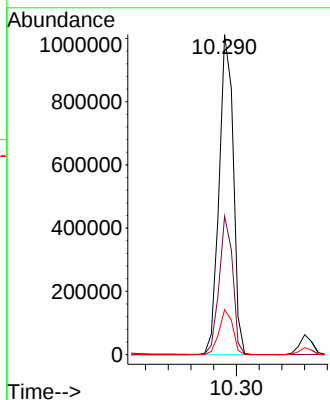
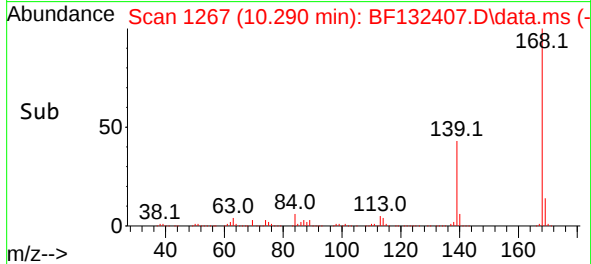
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:168 Resp: 873809
Ion Ratio Lower Upper
168 100
139 43.3 34.6 52.0
169 14.0 11.2 16.8

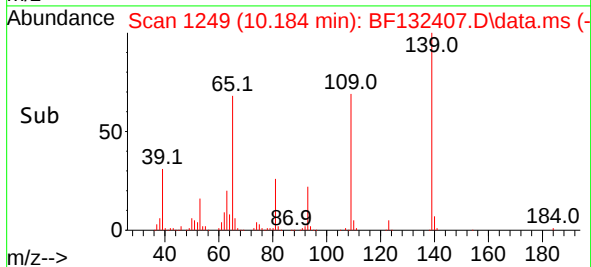
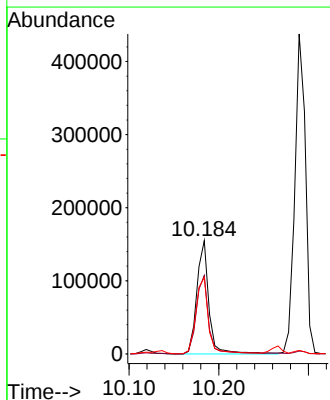
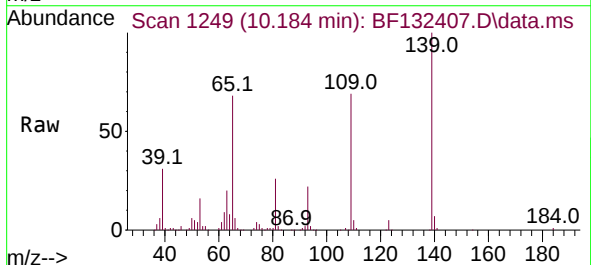
Manual Integrations
APPROVED

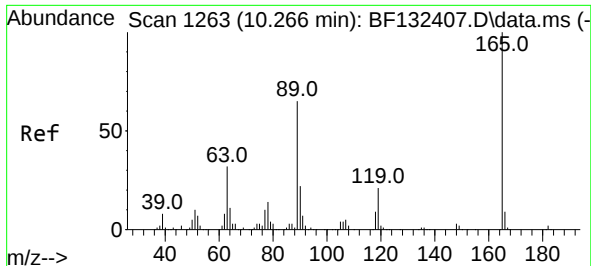
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#56
4-Nitrophenol
Concen: 41.114 ng
RT: 10.184 min Scan# 1249
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

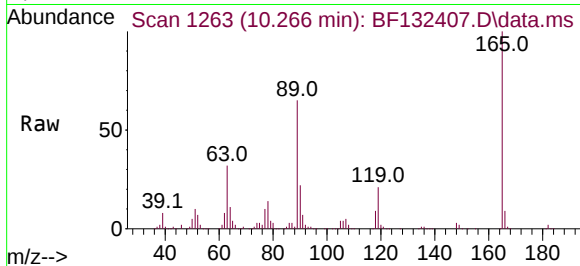
Tgt Ion:139 Resp: 144549
Ion Ratio Lower Upper
139 100
109 69.4 49.4 89.4
65 67.6 47.6 87.6





#57
2,4-Dinitrotoluene
Concen: 44.873 ng
RT: 10.266 min Scan# 1263
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

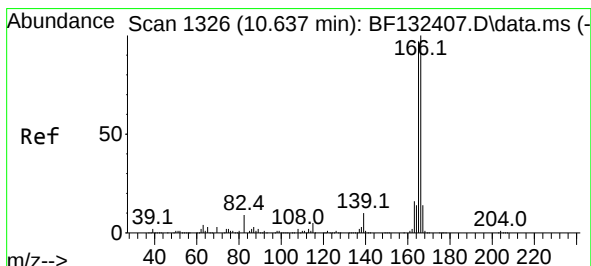
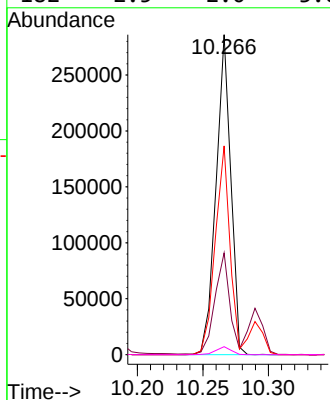
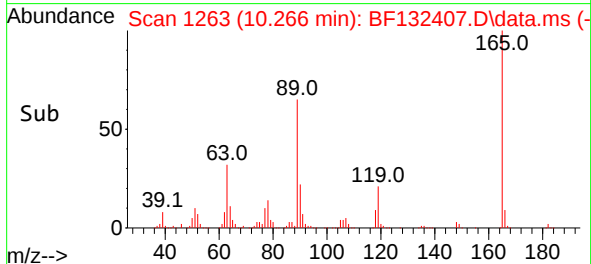
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:165 Resp: 224573
Ion Ratio Lower Upper
165 100
63 31.8 25.4 38.2
89 65.2 52.2 78.2
182 2.5 2.0 3.0

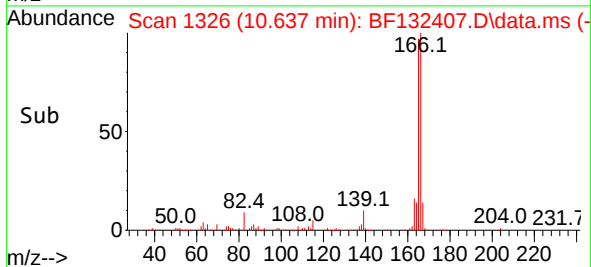
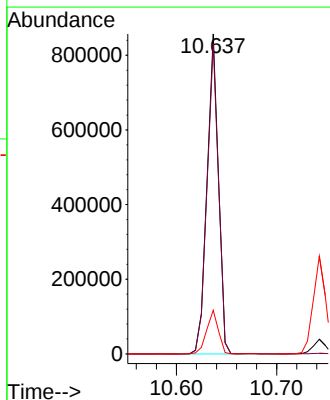
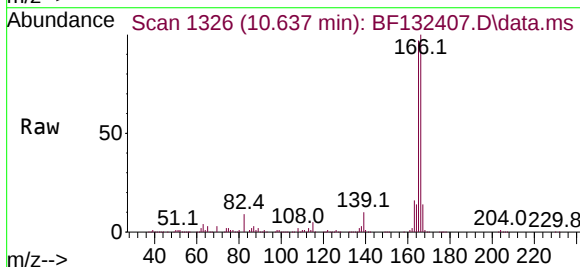
Manual Integrations
APPROVED

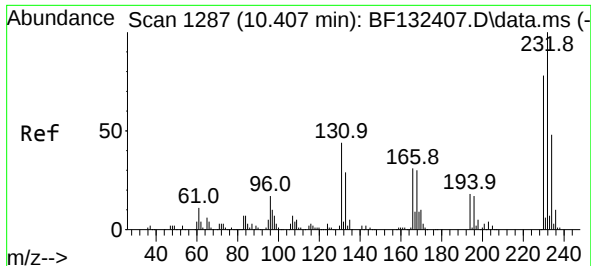
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#58
Fluorene
Concen: 42.266 ng
RT: 10.637 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

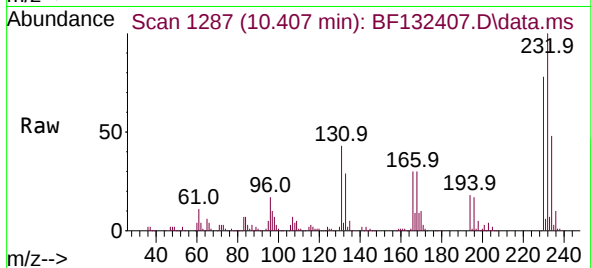
Tgt Ion:166 Resp: 676219
Ion Ratio Lower Upper
166 100
165 96.9 77.5 116.3
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.934 ng
RT: 10.407 min Scan# 1287
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

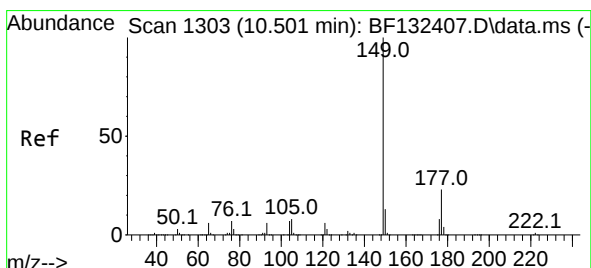
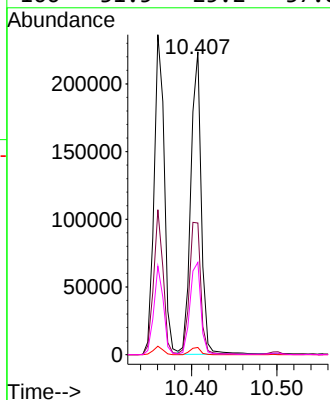
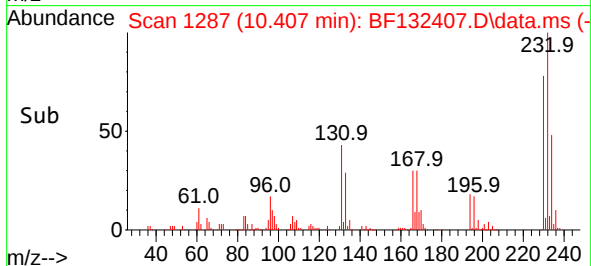
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



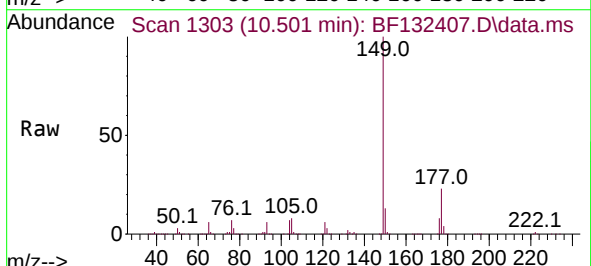
Tgt Ion:232 Resp: 191205
Ion Ratio Lower Upper
232 100
131 47.4 37.9 56.9
130 2.4 1.9 2.9
166 31.5 25.2 37.8

Manual Integrations
APPROVED

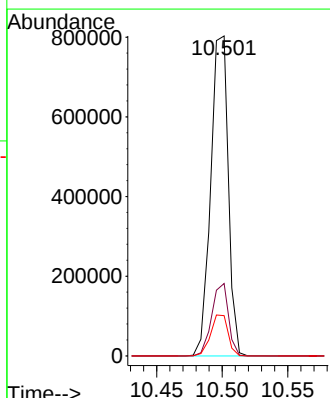
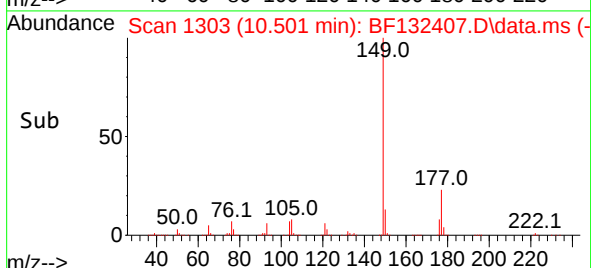
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

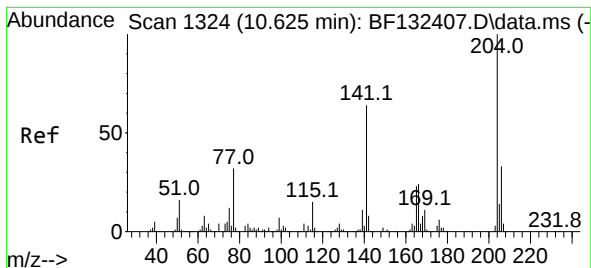


#60
Diethylphthalate
Concen: 43.779 ng
RT: 10.501 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27



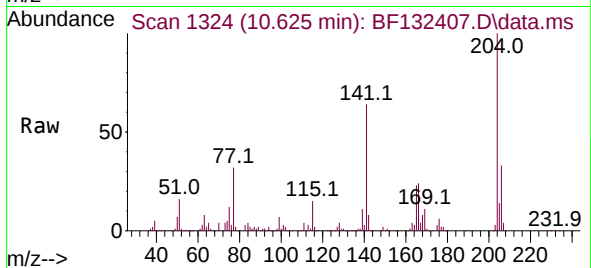
Tgt Ion:149 Resp: 751284
Ion Ratio Lower Upper
149 100
177 22.6 18.1 27.1
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 45.140 ng
RT: 10.625 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

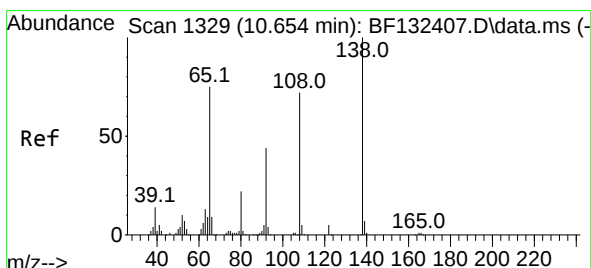
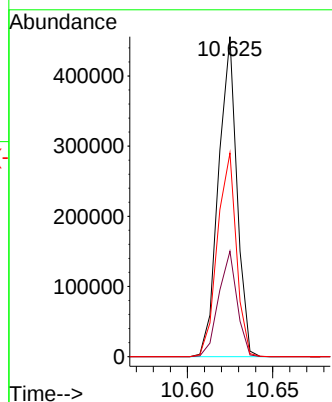
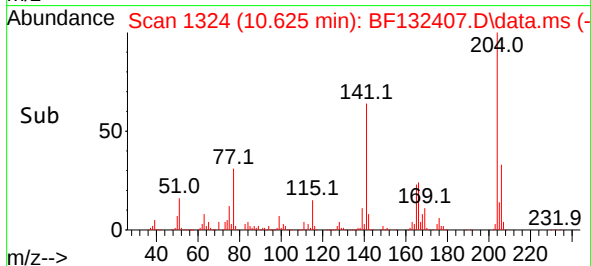
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



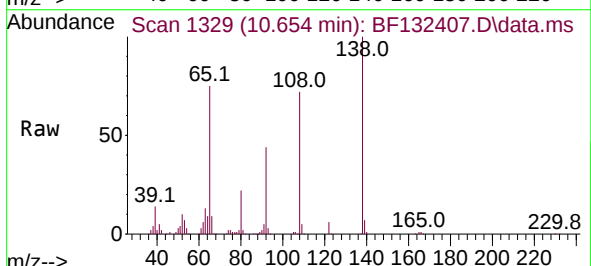
Tgt Ion:204 Resp: 342744
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 63.6 50.9 76.3

Manual Integrations
APPROVED

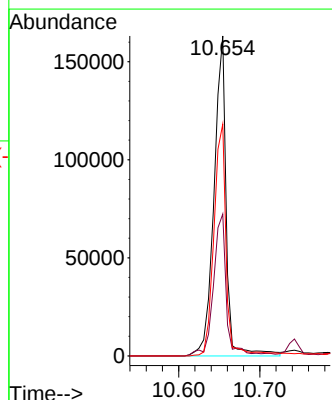
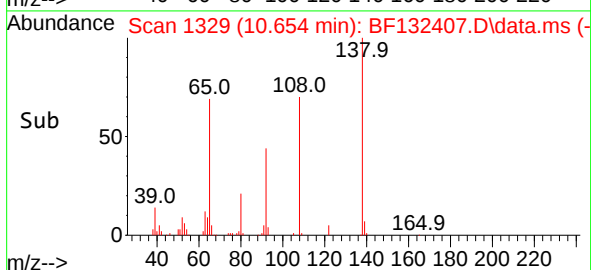
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

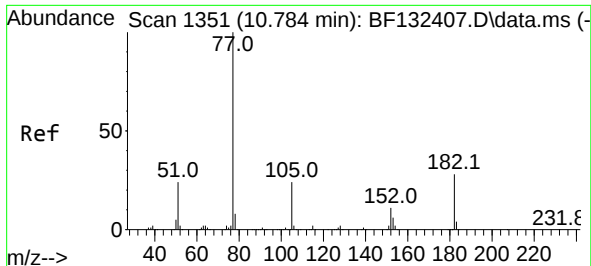


#62
4-Nitroaniline
Concen: 38.214 ng
RT: 10.654 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27



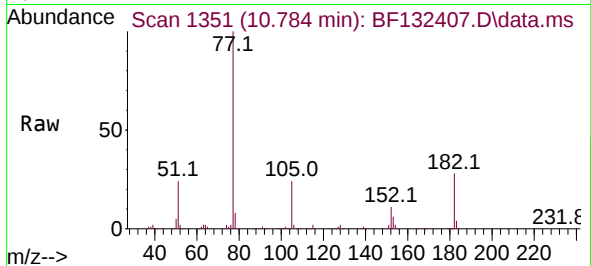
Tgt Ion:138 Resp: 171212
Ion Ratio Lower Upper
138 100
92 44.3 24.3 64.3
108 72.4 52.4 92.4





#63
Azobenzene
Concen: 35.269 ng
RT: 10.784 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

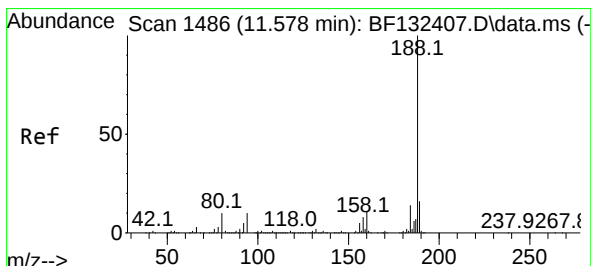
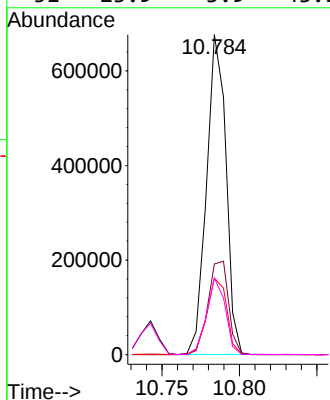
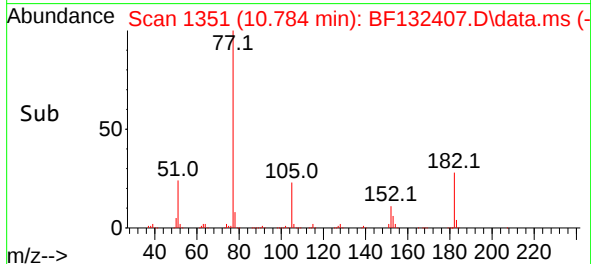
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



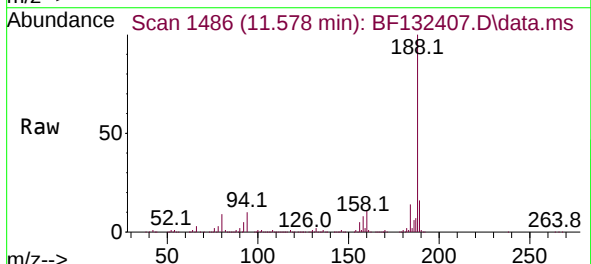
Tgt Ion: 77 Resp: 58955
Ion Ratio Lower Upper
77 100
182 28.3 8.3 48.3
105 23.9 3.9 43.9
51 23.9 3.9 43.9

Manual Integrations
APPROVED

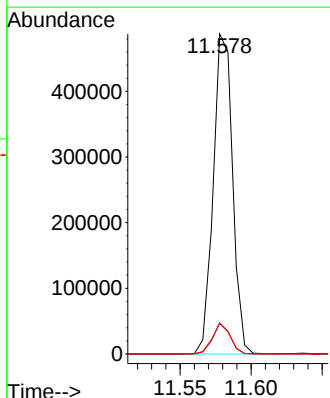
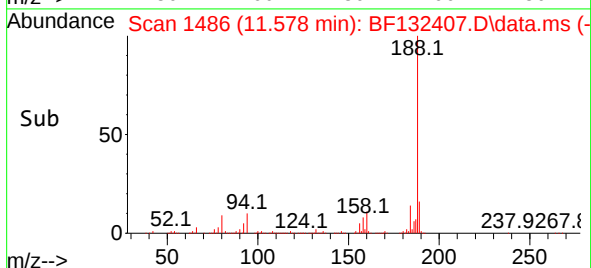
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

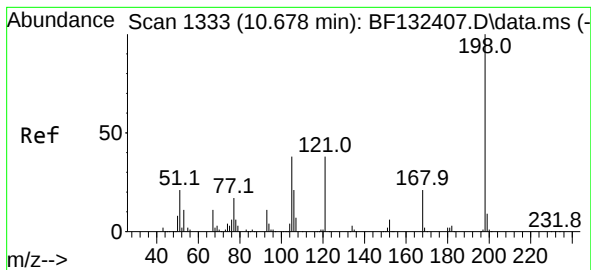


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.578 min Scan# 1486
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27



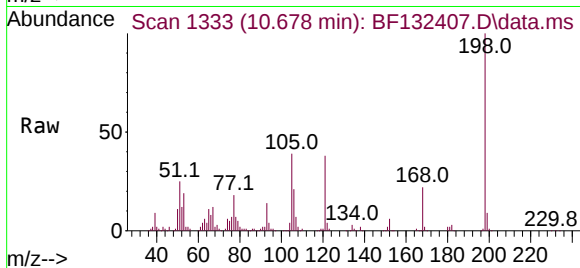
Tgt Ion:188 Resp: 461531
Ion Ratio Lower Upper
188 100
94 9.7 7.8 11.6
80 9.5 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 47.750 ng
RT: 10.678 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

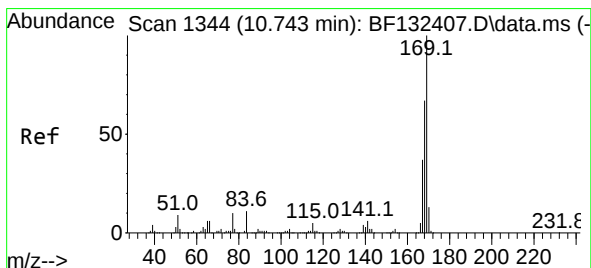
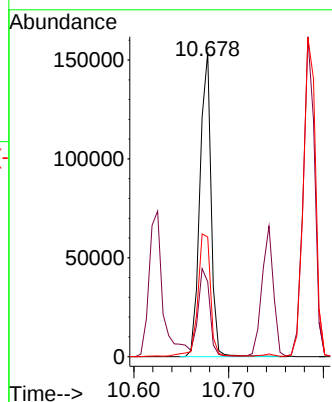
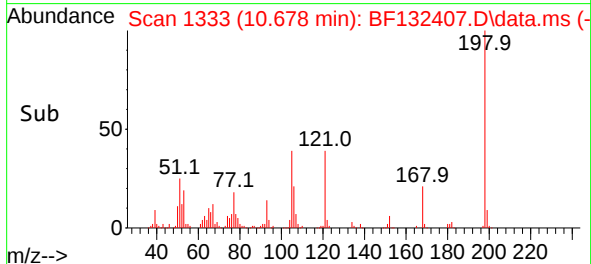
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



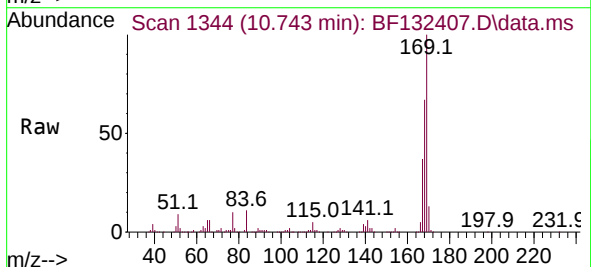
Tgt Ion:198 Resp: 125079
Ion Ratio Lower Upper
198 100
51 24.6 4.6 44.6
105 39.3 19.3 59.3

Manual Integrations
APPROVED

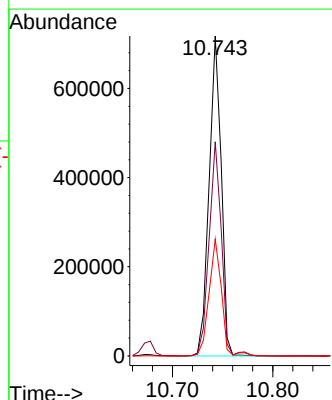
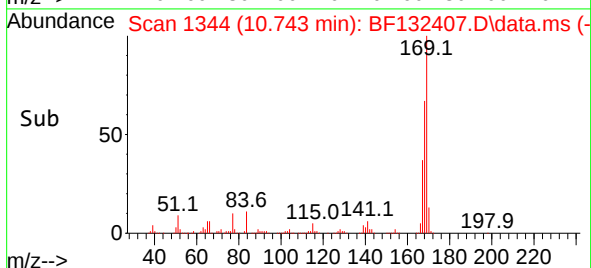
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

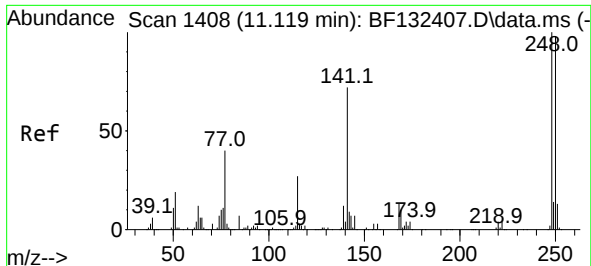


#66
n-Nitrosodiphenylamine
Concen: 41.487 ng
RT: 10.743 min Scan# 1344
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27



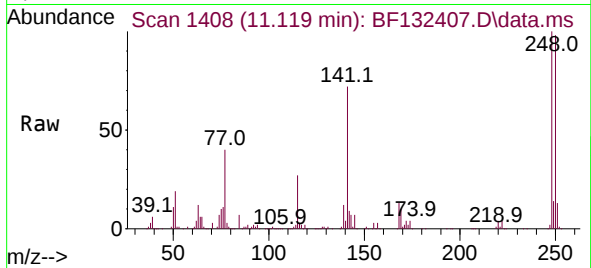
Tgt Ion:169 Resp: 599574
Ion Ratio Lower Upper
169 100
168 66.9 53.5 80.3
167 36.5 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 46.159 ng
RT: 11.119 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

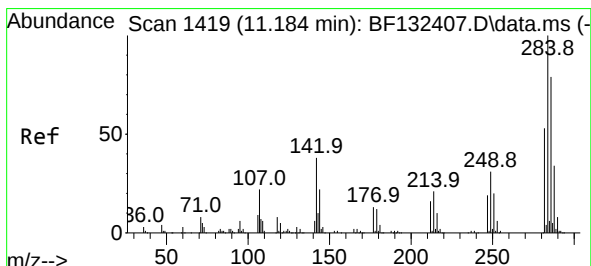
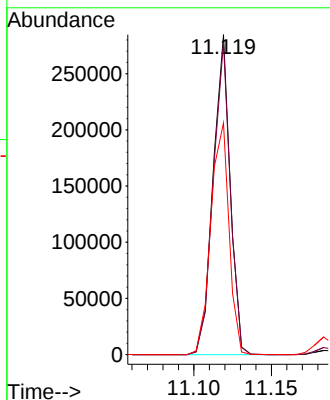
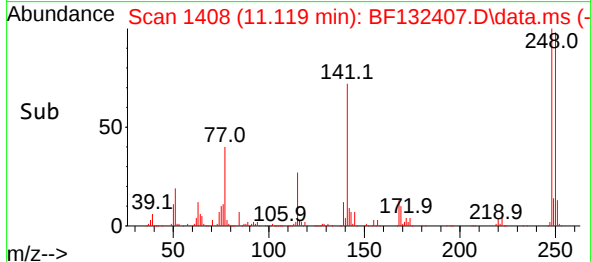
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



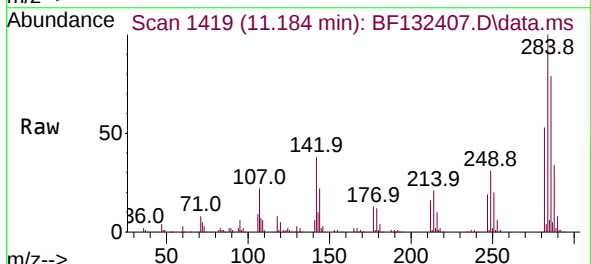
Tgt Ion:248 Resp: 218150
Ion Ratio Lower Upper
248 100
250 97.6 78.1 117.1
141 72.4 57.9 86.9

Manual Integrations
APPROVED

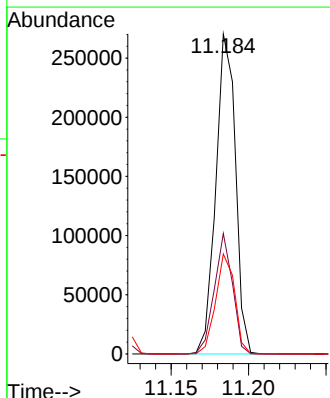
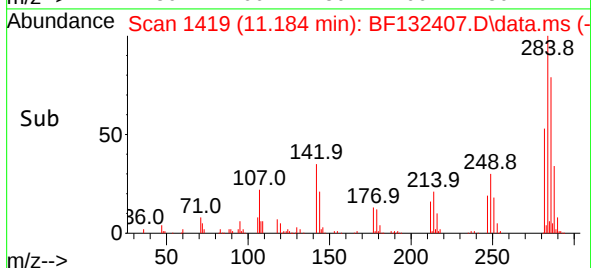
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

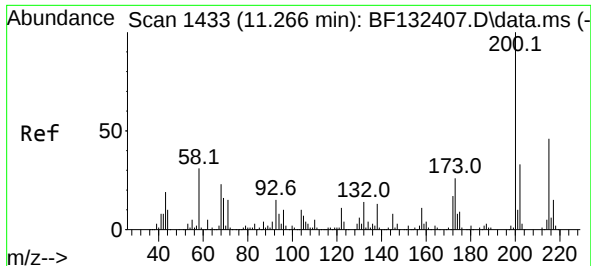


#68
Hexachlorobenzene
Concen: 47.174 ng
RT: 11.184 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27



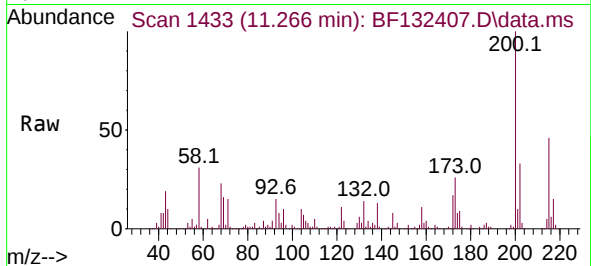
Tgt Ion:284 Resp: 238294
Ion Ratio Lower Upper
284 100
142 37.6 30.1 45.1
249 31.2 25.0 37.4





#69
 Atrazine
 Concen: 42.534 ng
 RT: 11.266 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: BF132407.D
 Acq: 13 Feb 2023 13:27

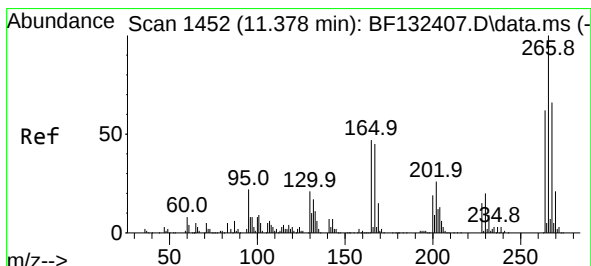
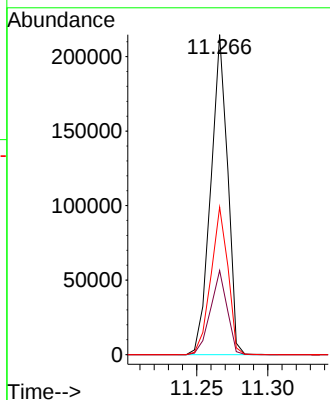
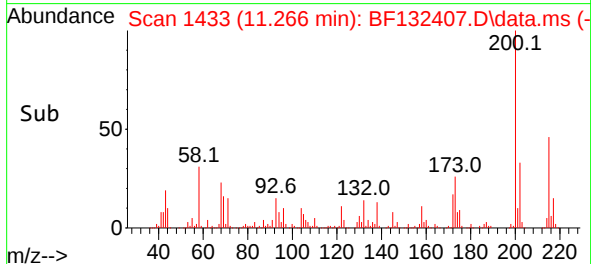
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040



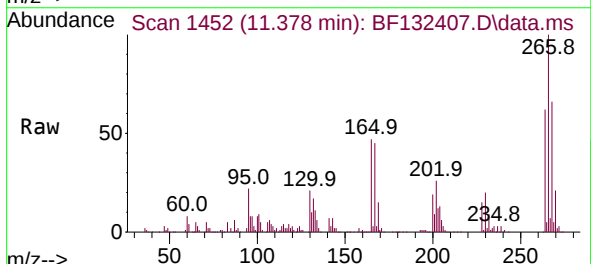
Tgt Ion:200 Resp: 176811
 Ion Ratio Lower Upper
 200 100
 173 26.3 6.3 46.3
 215 46.1 26.1 66.1

Manual Integrations
 APPROVED

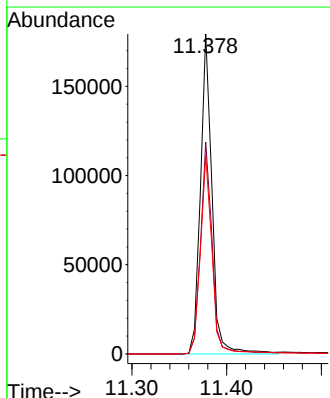
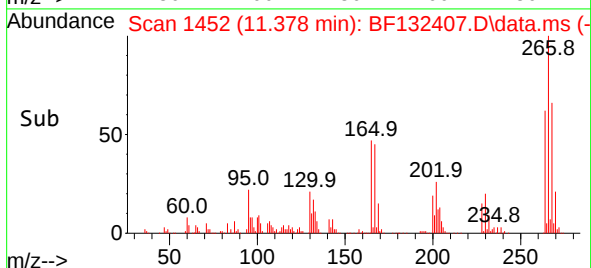
Reviewed By :Christian Giraldo 02/14/2023
 Supervised By :Jagrut Upadhyay 02/14/2023

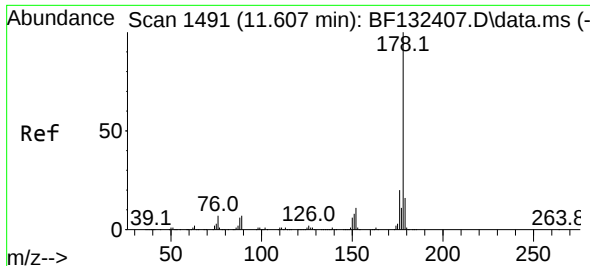


#70
 Pentachlorophenol
 Concen: 43.658 ng
 RT: 11.378 min Scan# 1452
 Delta R.T. 0.000 min
 Lab File: BF132407.D
 Acq: 13 Feb 2023 13:27



Tgt Ion:266 Resp: 151525
 Ion Ratio Lower Upper
 266 100
 268 66.2 53.0 79.4
 264 62.0 49.6 74.4





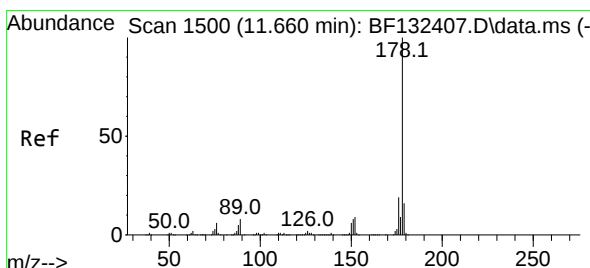
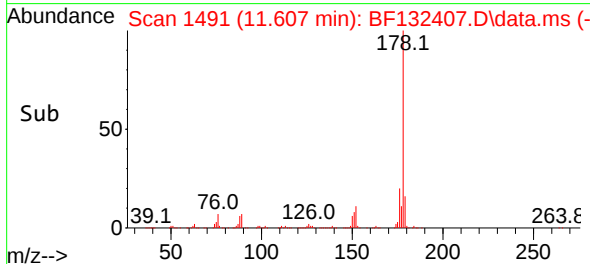
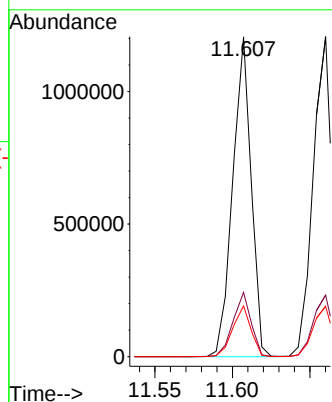
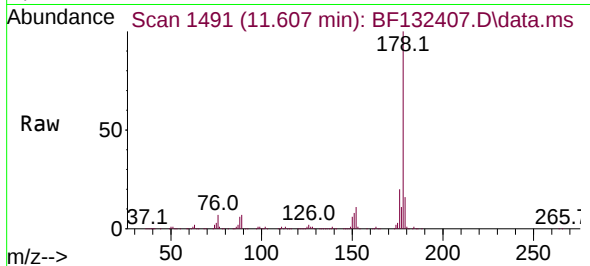
#71
Phenanthrene
Concen: 41.360 ng
RT: 11.607 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:178 Resp: 997506
Ion Ratio Lower Upper
178 100
176 20.1 16.1 24.1
179 15.8 12.6 19.0

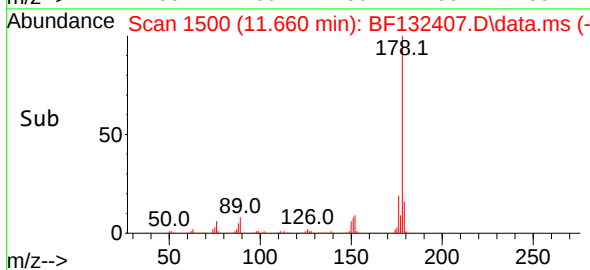
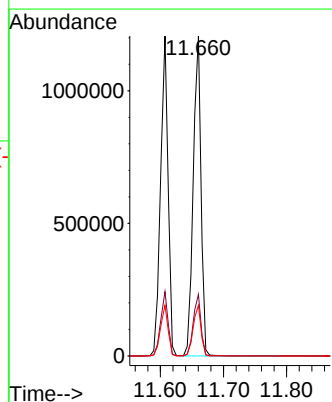
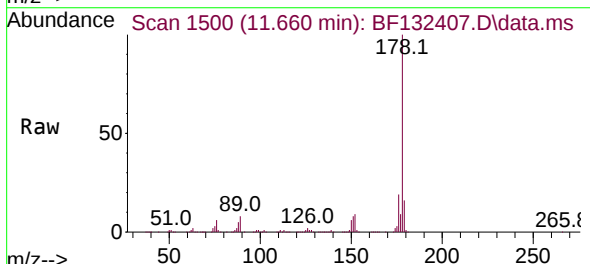
Manual Integrations
APPROVED

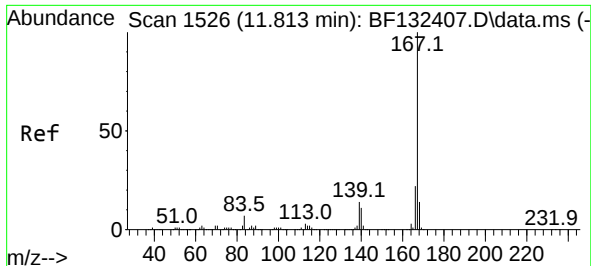
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#72
Anthracene
Concen: 41.947 ng
RT: 11.660 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

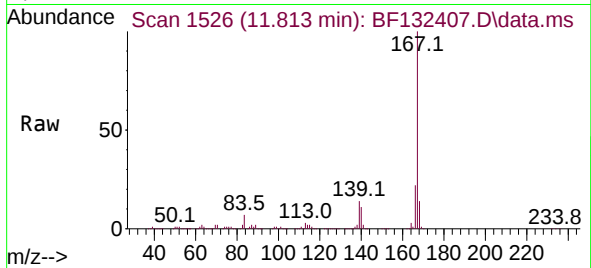
Tgt Ion:178 Resp: 1029563
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.8 12.6 19.0





#73
 Carbazole
 Concen: 39.454 ng
 RT: 11.813 min Scan# 1526
 Delta R.T. 0.000 min
 Lab File: BF132407.D
 Acq: 13 Feb 2023 13:27

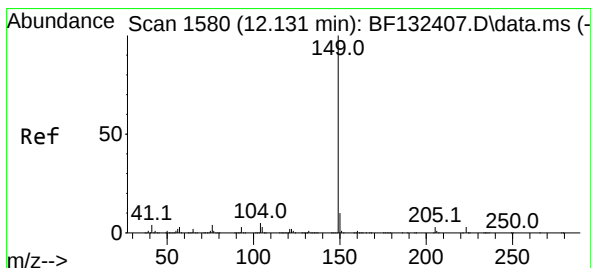
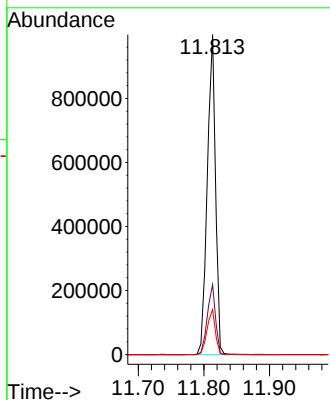
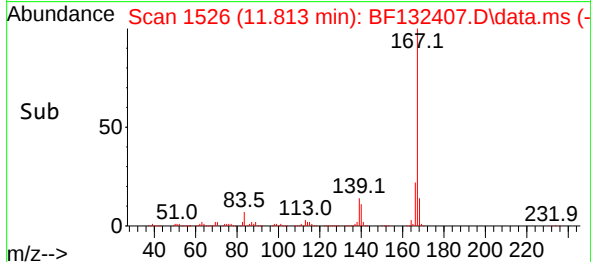
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040



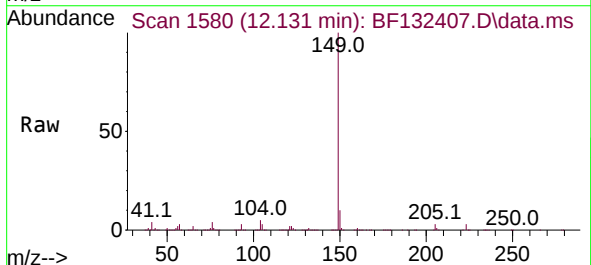
Tgt Ion:167 Resp: 868284
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.5 26.3
 139 14.1 11.3 16.9

Manual Integrations
 APPROVED

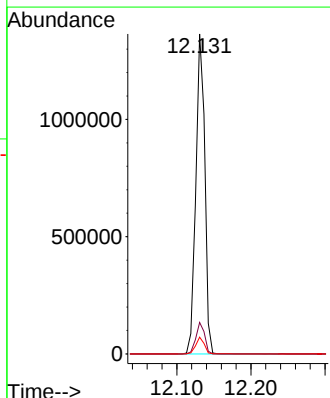
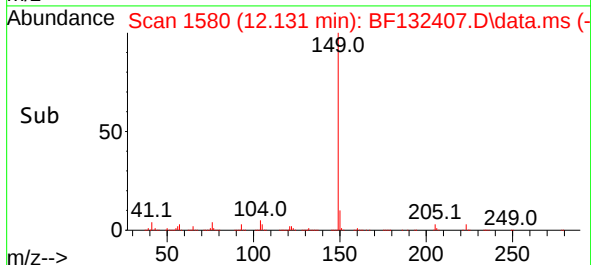
Reviewed By :Christian Giraldo 02/14/2023
 Supervised By :Jagrut Upadhyay 02/14/2023

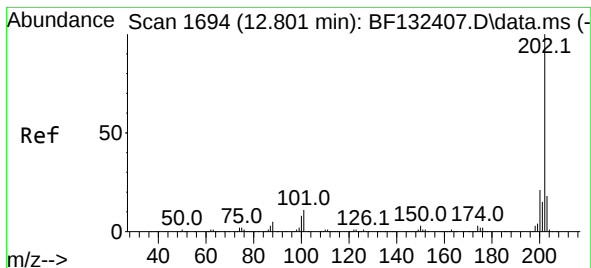


#74
 Di-n-butylphthalate
 Concen: 44.066 ng
 RT: 12.131 min Scan# 1580
 Delta R.T. 0.000 min
 Lab File: BF132407.D
 Acq: 13 Feb 2023 13:27



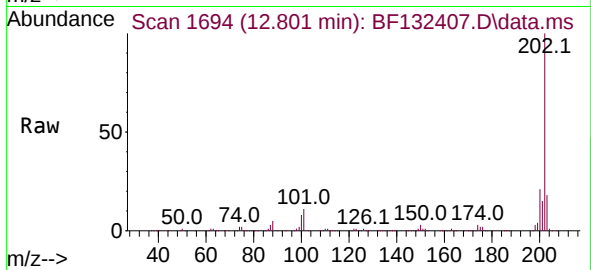
Tgt Ion:149 Resp: 1146506
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.8
 104 5.2 4.2 6.2





#75
Fluoranthene
Concen: 42.958 ng
RT: 12.801 min Scan# 1694
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

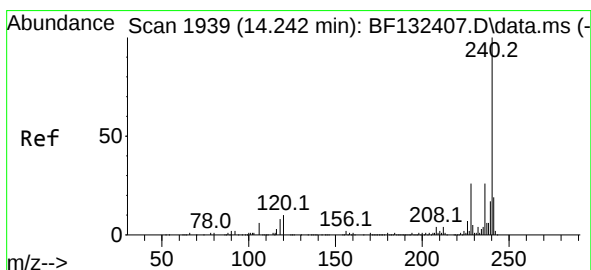
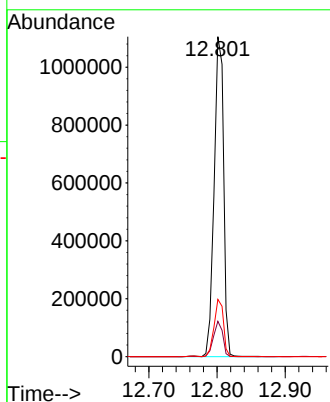
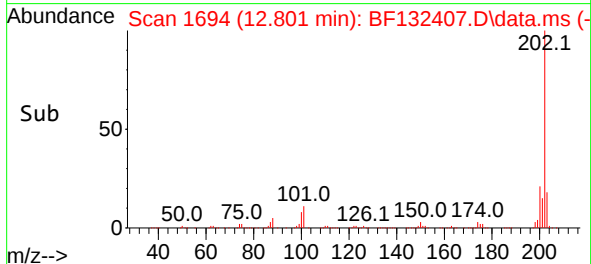
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



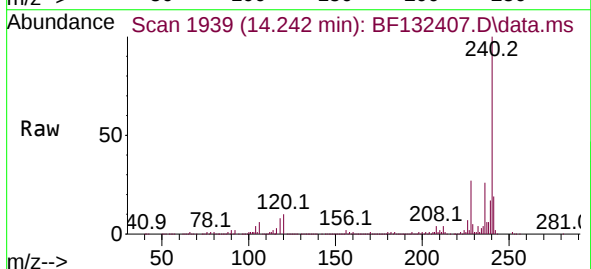
Tgt Ion:202 Resp: 105725
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.0
203 17.9 0.0 37.9

Manual Integrations
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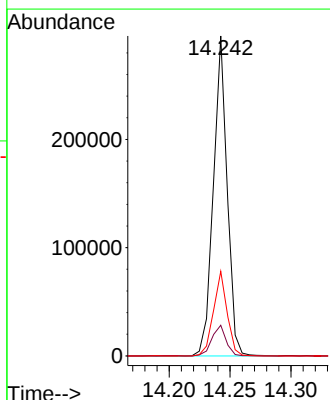
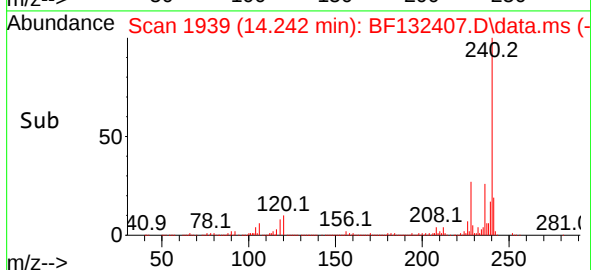
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

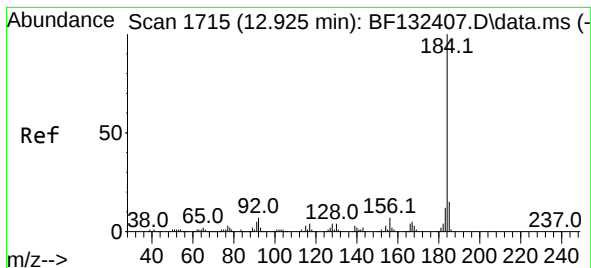


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.242 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27



Tgt Ion:240 Resp: 233579
Ion Ratio Lower Upper
240 100
120 9.6 7.7 11.5
236 26.4 21.1 31.7





#77

Benzidine

Concen: 24.512 ng

RT: 12.925 min Scan# 1715

Delta R.T. 0.000 min

Lab File: BF132407.D

Acq: 13 Feb 2023 13:27

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

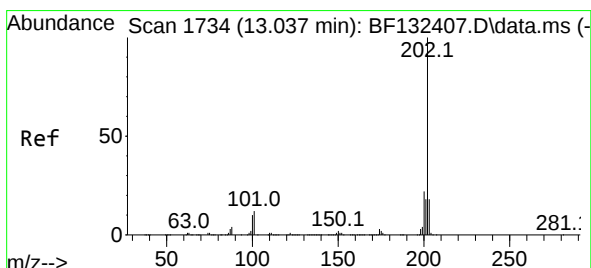
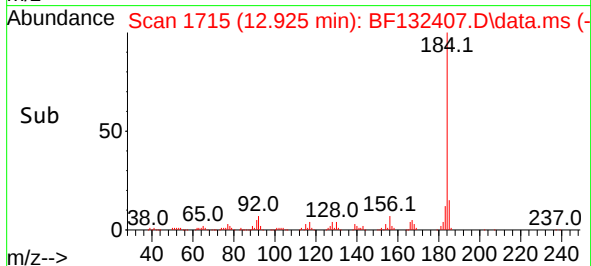
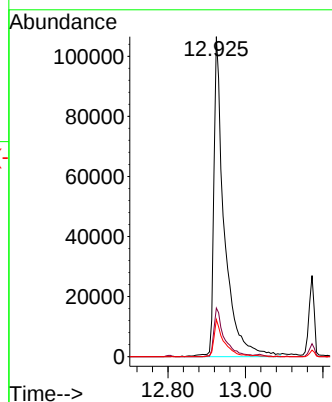
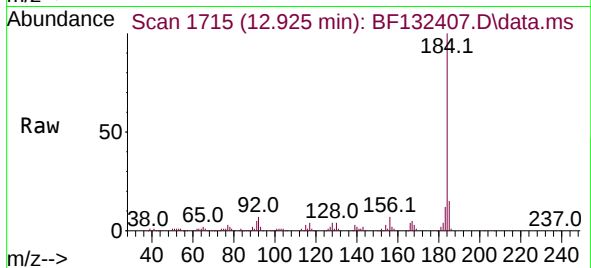
Tgt Ion:184 Resp: 20017

Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.2	18.2
183	11.6	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#78

Pyrene

Concen: 56.683 ng

RT: 13.037 min Scan# 1734

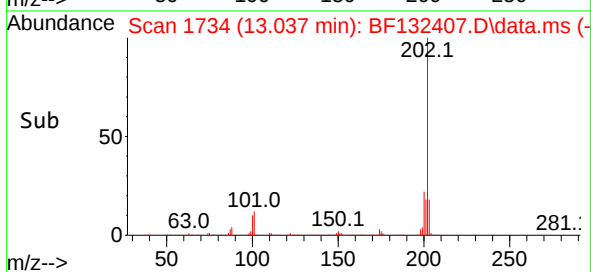
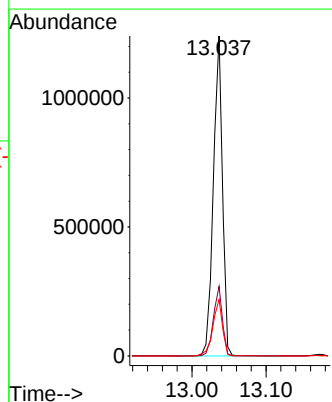
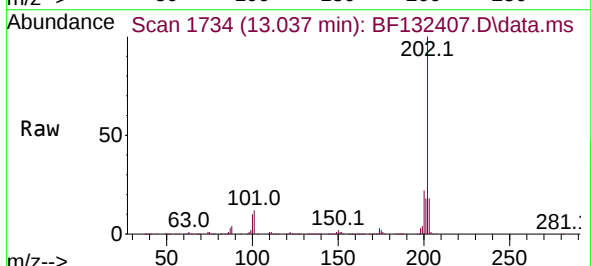
Delta R.T. 0.000 min

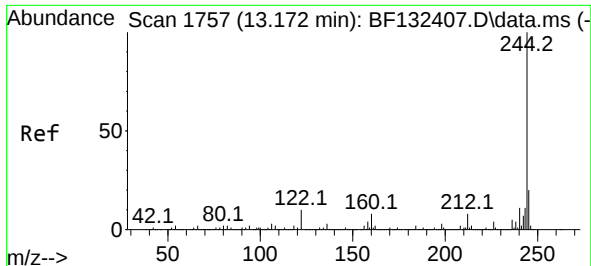
Lab File: BF132407.D

Acq: 13 Feb 2023 13:27

Tgt Ion:202 Resp: 1064899

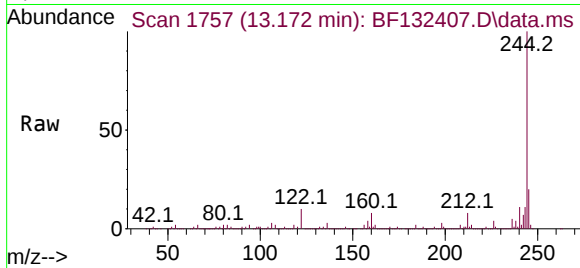
Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.0
203	17.6	14.1	21.1





#79
 Terphenyl-d14
 Concen: 123.903 ng
 RT: 13.172 min Scan# 1757
 Delta R.T. 0.000 min
 Lab File: BF132407.D
 Acq: 13 Feb 2023 13:27

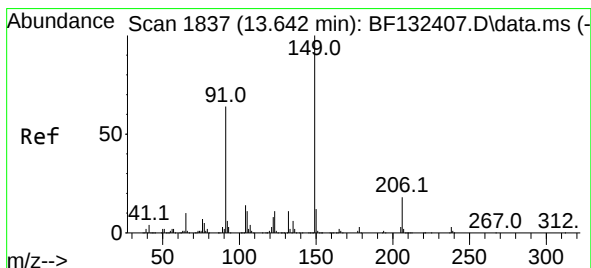
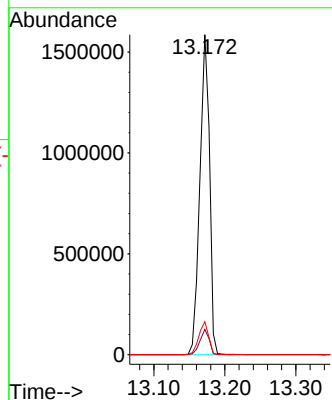
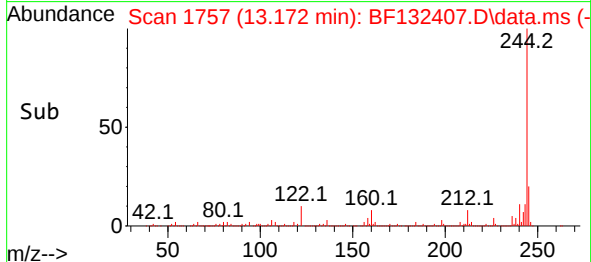
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040



Tgt Ion:244 Resp: 1496123
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 10.3 8.2 12.4

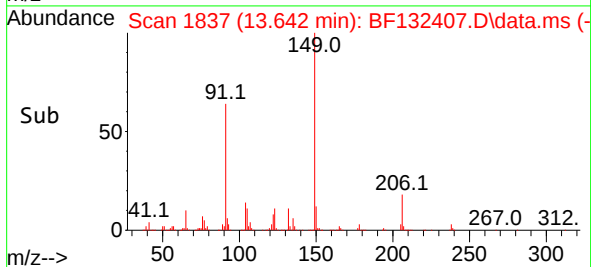
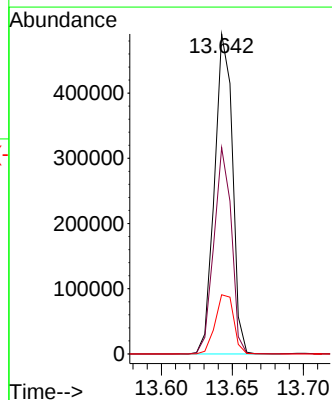
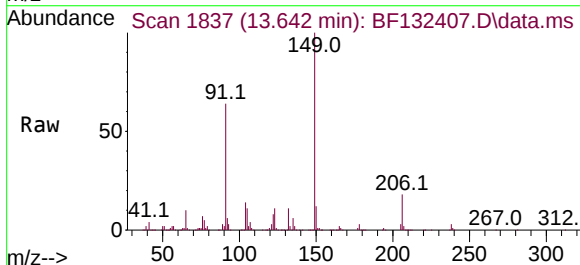
Manual Integrations
 APPROVED

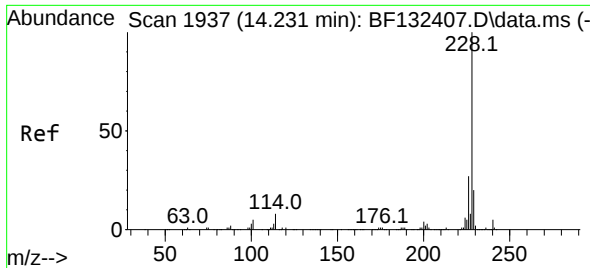
Reviewed By :Christian Giraldo 02/14/2023
 Supervised By :Jagrut Upadhyay 02/14/2023



#80
 Butylbenzylphthalate
 Concen: 52.067 ng
 RT: 13.642 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF132407.D
 Acq: 13 Feb 2023 13:27

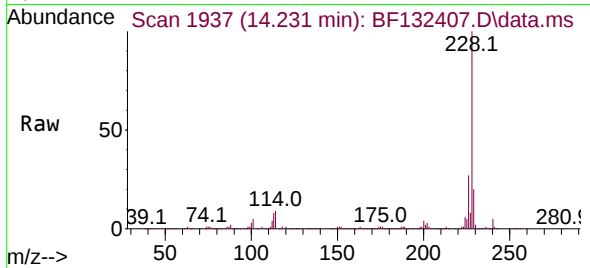
Tgt Ion:149 Resp: 432175
 Ion Ratio Lower Upper
 149 100
 91 64.5 51.6 77.4
 206 18.5 14.8 22.2





#81
Benzo(a)anthracene
Concen: 42.610 ng
RT: 14.231 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

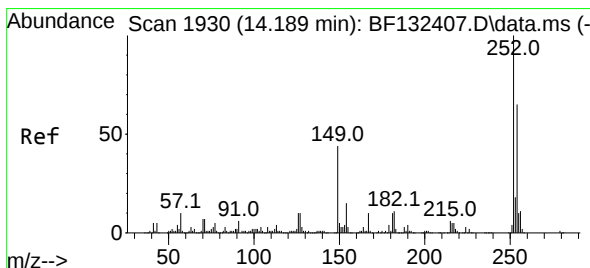
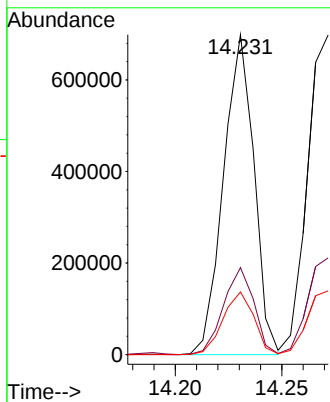
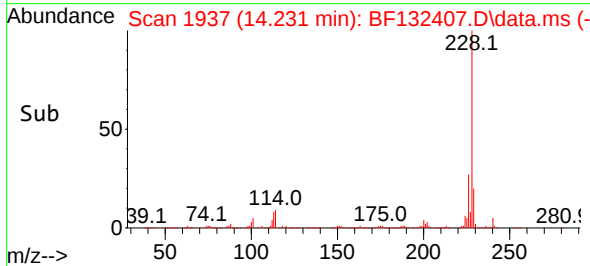
Instrument :
BNA_F
Client Sample Id :
SSTDICCC040



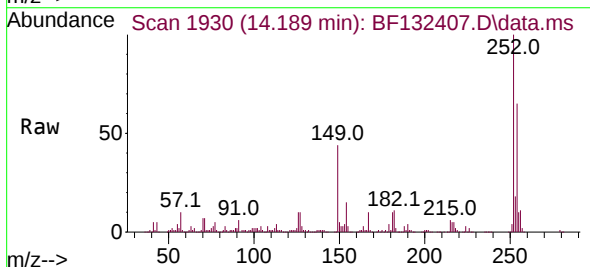
Tgt Ion:228 Resp: 696116
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.6
229 19.6 15.7 23.5

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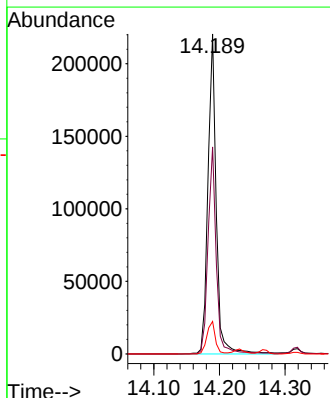
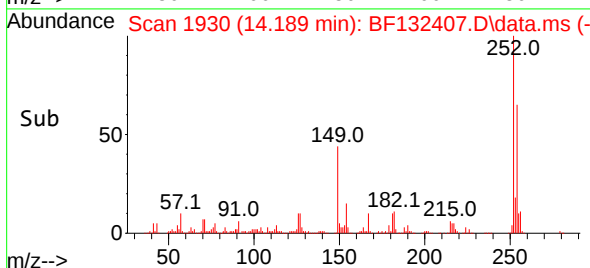
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

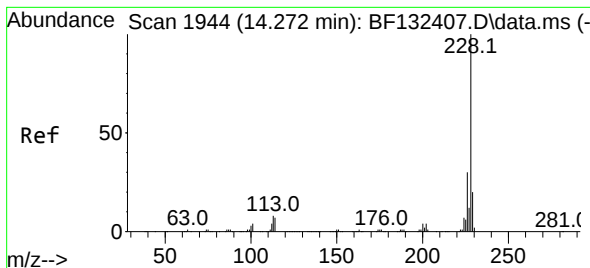


#82
3,3'-Dichlorobenzidine
Concen: 37.056 ng
RT: 14.189 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27



Tgt Ion:252 Resp: 192817
Ion Ratio Lower Upper
252 100
254 64.7 51.8 77.6
126 10.1 8.1 12.1





#83

Chrysene

Concen: 42.473 ng

RT: 14.272 min Scan# 1944

Delta R.T. 0.000 min

Lab File: BF132407.D

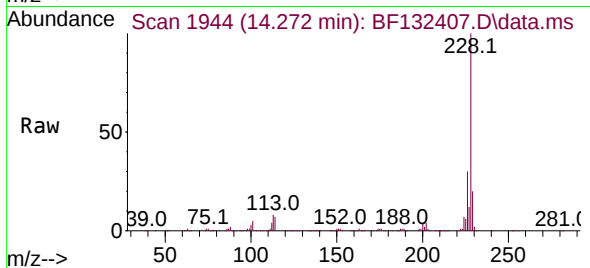
Acq: 13 Feb 2023 13:27

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:228 Resp: 64973

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.4

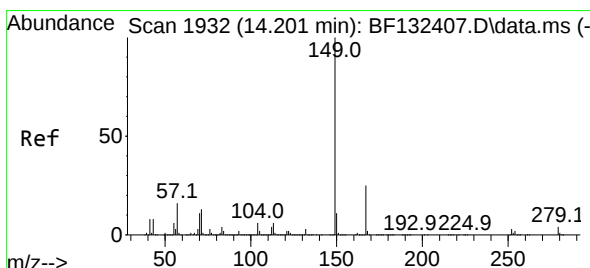
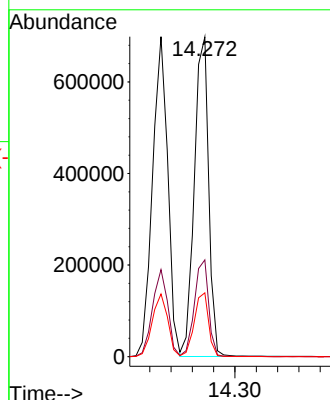
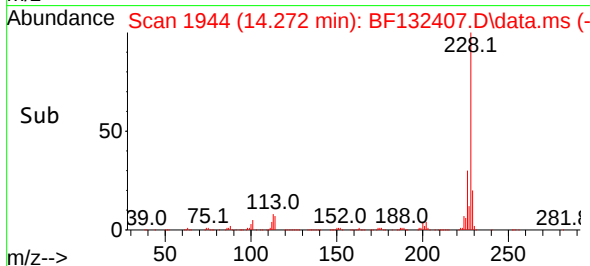
229 20.0 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/14/2023

Supervised By :Jagrut Upadhyay 02/14/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.710 ng

RT: 14.201 min Scan# 1932

Delta R.T. 0.000 min

Lab File: BF132407.D

Acq: 13 Feb 2023 13:27

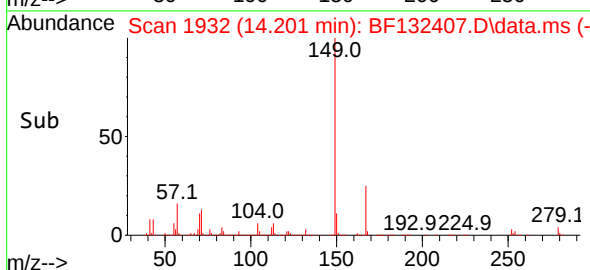
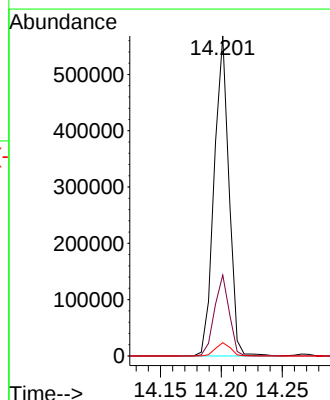
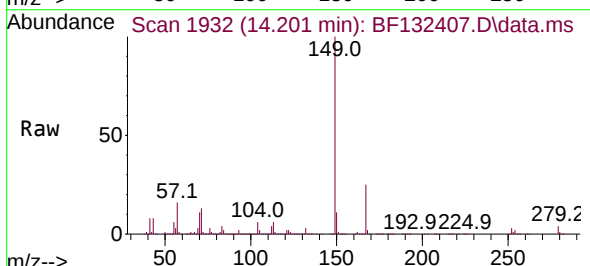
Tgt Ion:149 Resp: 479175

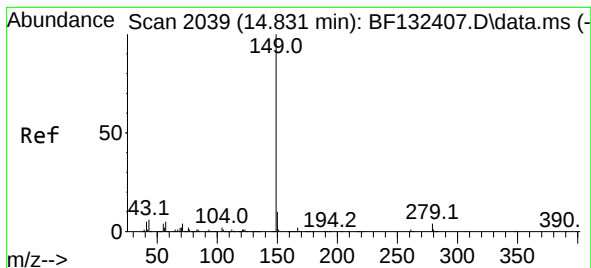
Ion Ratio Lower Upper

149 100

167 25.3 20.2 30.4

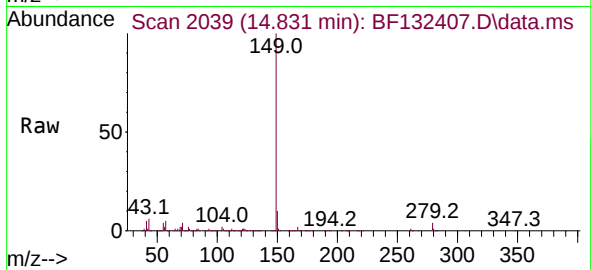
279 4.1 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 49.134 ng
RT: 14.831 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

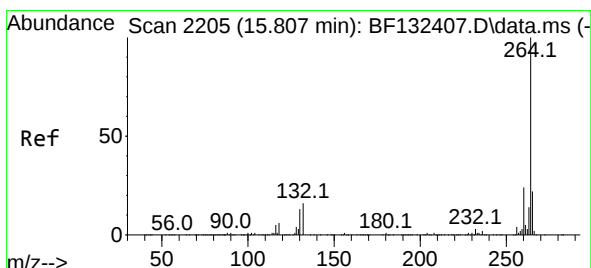
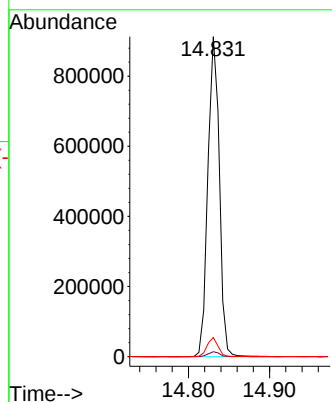
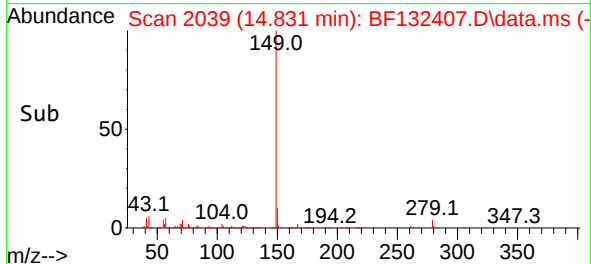
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



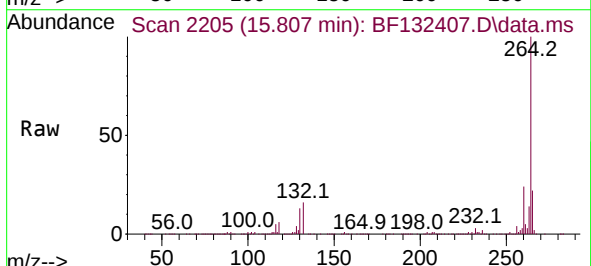
Tgt Ion:149 Resp: 899124
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 5.7 4.6 6.8

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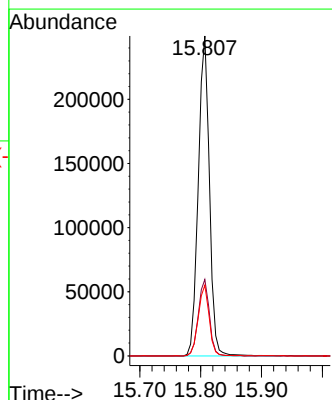
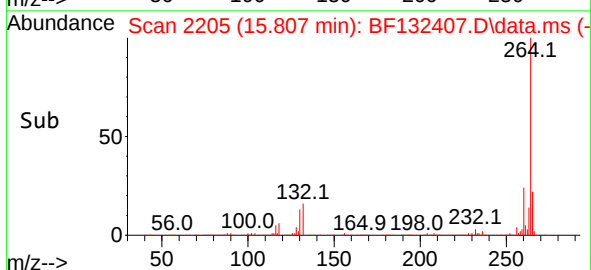
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

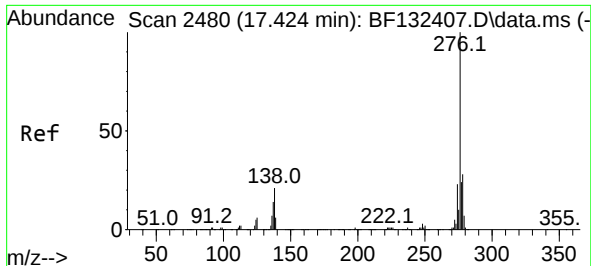


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.807 min Scan# 2205
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27



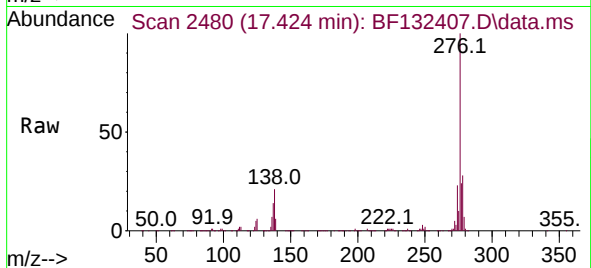
Tgt Ion:264 Resp: 316093
Ion Ratio Lower Upper
264 100
260 23.9 19.1 28.7
265 22.1 17.7 26.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 44.804 ng
RT: 17.424 min Scan# 2480
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

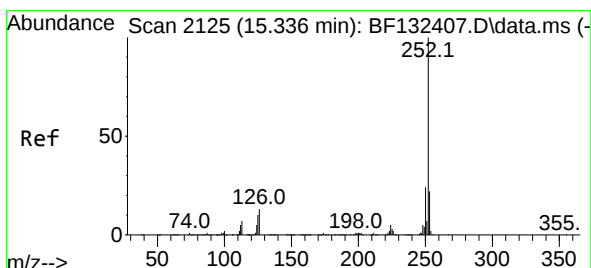
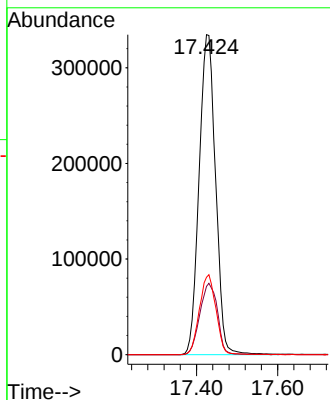
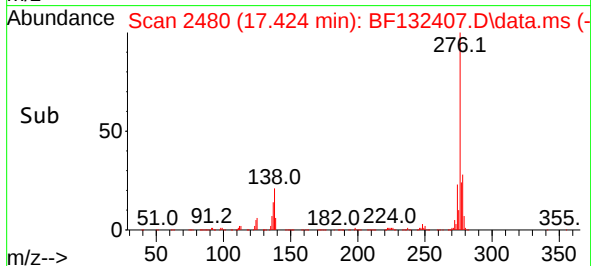
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



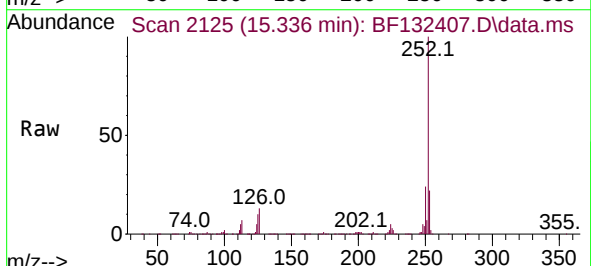
Tgt Ion:276 Resp: 941023
Ion Ratio Lower Upper
276 100
138 23.9 19.1 28.7
277 25.0 20.0 30.0

Manual Integrations
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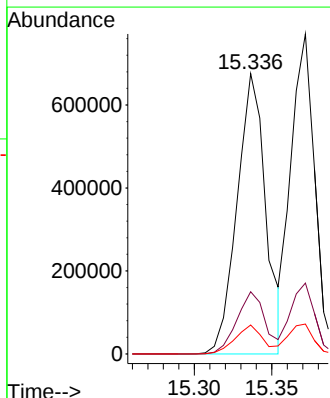
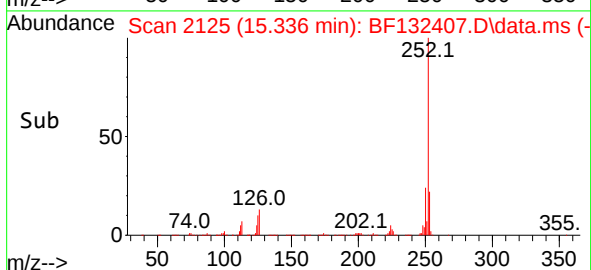
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023

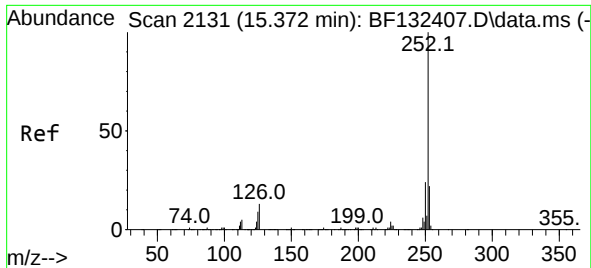


#88
Benzo(b)fluoranthene
Concen: 43.473 ng
RT: 15.336 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27



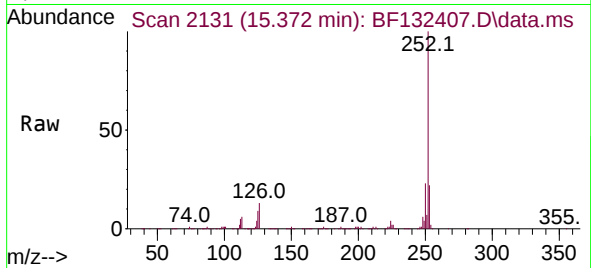
Tgt Ion:252 Resp: 873469
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 10.3 8.2 12.4





#89
Benzo(k)fluoranthene
Concen: 43.199 ng
RT: 15.372 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

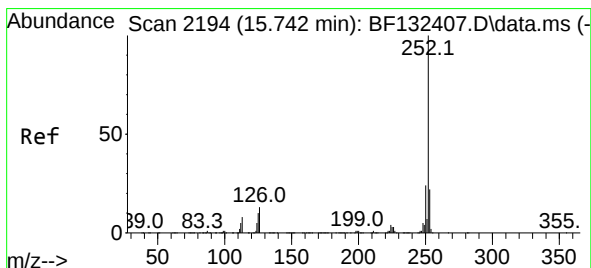
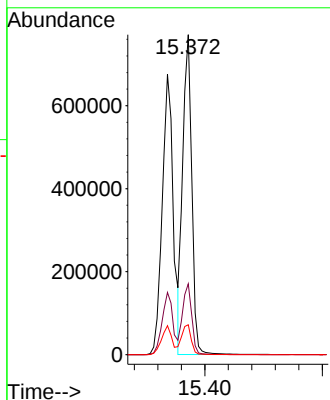
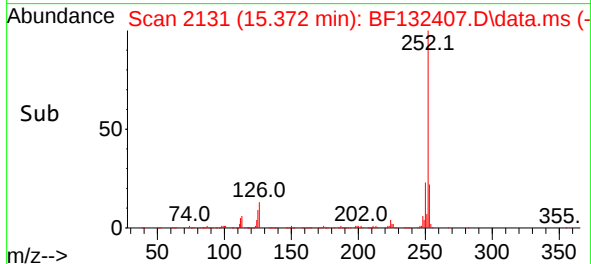
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:252 Resp: 828500
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 9.3 7.4 11.2

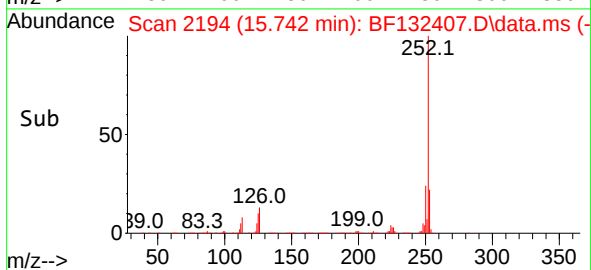
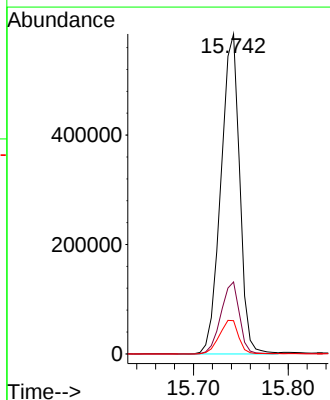
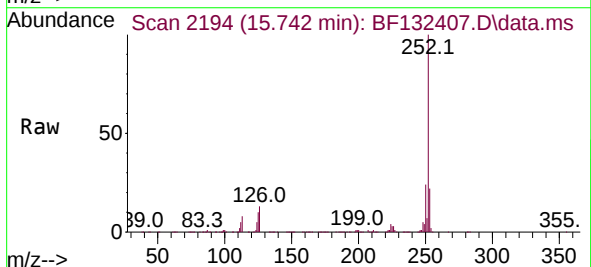
Manual Integrations
APPROVED

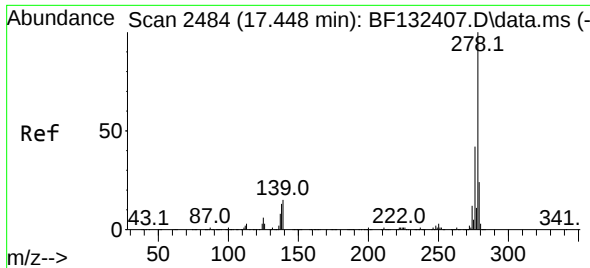
Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#90
Benzo(a)pyrene
Concen: 42.922 ng
RT: 15.742 min Scan# 2194
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

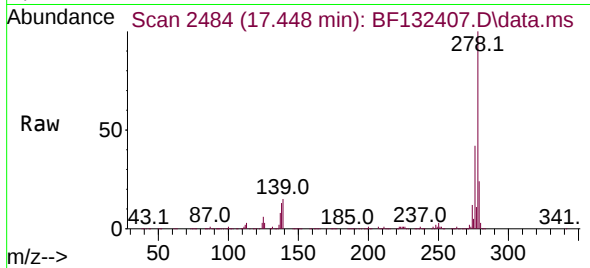
Tgt Ion:252 Resp: 803069
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 10.4 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 46.545 ng
RT: 17.448 min Scan# 2484
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27

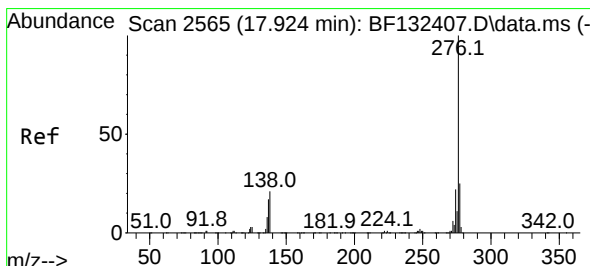
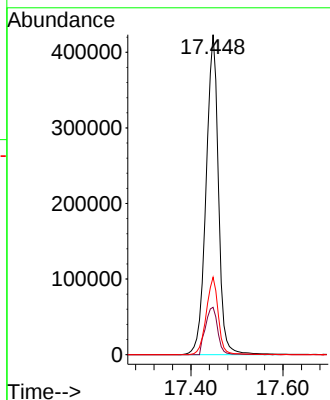
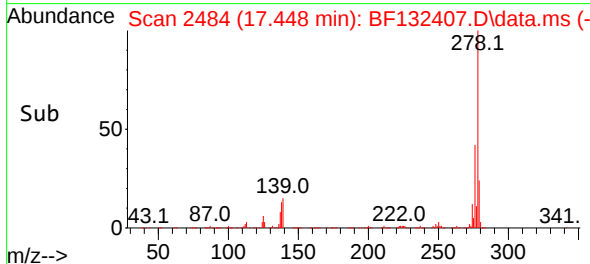
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



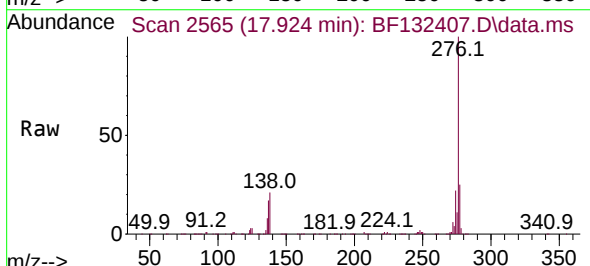
Tgt Ion:278 Resp: 785973
Ion Ratio Lower Upper
278 100
139 14.8 11.8 17.8
279 24.2 19.4 29.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/14/2023
Supervised By :Jagrut Upadhyay 02/14/2023



#92
Benzo(g,h,i)perylene
Concen: 44.616 ng
RT: 17.924 min Scan# 2565
Delta R.T. 0.000 min
Lab File: BF132407.D
Acq: 13 Feb 2023 13:27



Tgt Ion:276 Resp: 778342
Ion Ratio Lower Upper
276 100
277 24.5 19.6 29.4
138 20.8 16.6 25.0

