

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042023\
 Data File : BF132934.D
 Acq On : 20 Apr 2023 12:35
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/21/2023
 Supervised By : Jagrut Upadhyay 04/21/2023

Quant Time: Apr 20 14:16:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 20 14:15:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	318150	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	1243097	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	640965	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	1124654	20.000	ng	0.00
76) Chrysene-d12	13.915	240	773081	20.000	ng	0.00
86) Perylene-d12	15.339	264	665110	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1611846	79.220	ng	0.00
7) Phenol-d6	6.392	99	2064458	79.516	ng	0.00
23) Nitrobenzene-d5	7.328	82	1819741	76.304	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	524039	81.513	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	2917420	69.923	ng	0.00
79) Terphenyl-d14	12.868	244	3264023	72.032	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.446	88	387069	38.987	ng	99
3) Pyridine	3.151	79	1084240	39.931	ng	97
4) n-Nitrosodimethylamine	3.104	42	526415	40.802	ng	100
6) Aniline	6.422	93	1379218	40.058	ng	98
8) 2-Chlorophenol	6.545	128	805654	39.031	ng	98
9) Benzaldehyde	6.304	77	555278	36.147	ng	95
10) Phenol	6.404	94	1135391	38.894	ng	98
11) bis(2-Chloroethyl)ether	6.498	93	832564	37.764	ng	97
12) 1,3-Dichlorobenzene	6.698	146	828797	36.531	ng	97
13) 1,4-Dichlorobenzene	6.775	146	852934	37.519	ng	98
14) 1,2-Dichlorobenzene	6.934	146	781584	36.822	ng	98
15) Benzyl Alcohol	6.904	79	726904	40.853	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.039	45	1476089	38.694	ng	99
17) 2-Methylphenol	7.016	107	740552	39.171	ng	98
18) Hexachloroethane	7.275	117	298284	37.807	ng	92
19) n-Nitroso-di-n-propyla...	7.181	70	613462	37.855	ng	96
20) 3+4-Methylphenols	7.169	107	876357	39.218	ng	91
22) Acetophenone	7.175	105	1068267	36.632	ng	# 95
24) Nitrobenzene	7.345	77	925366	37.856	ng	97
25) Isophorone	7.586	82	1687204	37.298	ng	98
26) 2-Nitrophenol	7.657	139	450419	48.845	ng	94
27) 2,4-Dimethylphenol	7.698	122	740533	39.368	ng	98
28) bis(2-Chloroethoxy)met...	7.798	93	988052	36.532	ng	99
29) 2,4-Dichlorophenol	7.898	162	671915	38.376	ng	96
30) 1,2,4-Trichlorobenzene	7.986	180	699848	37.020	ng	98
31) Naphthalene	8.069	128	2327839	37.057	ng	99
32) Benzoic acid	7.816	122	481628m	51.059	ng	
33) 4-Chloroaniline	8.116	127	1004234	39.031	ng	98
34) Hexachlorobutadiene	8.186	225	390011	36.061	ng	97
35) Caprolactam	8.492	113	231791	44.455	ng	96
36) 4-Chloro-3-methylphenol	8.592	107	720828	39.224	ng	98
37) 2-Methylnaphthalene	8.757	142	1584450	36.645	ng	100
38) 1-Methylnaphthalene	8.857	142	1478605	36.701	ng	98
40) 1,2,4,5-Tetrachloroben...	8.922	216	645669	35.614	ng	99
41) Hexachlorocyclopentadiene	8.916	237	395159	41.353	ng	99
43) 2,4,6-Trichlorophenol	9.033	196	452535	39.377	ng	99

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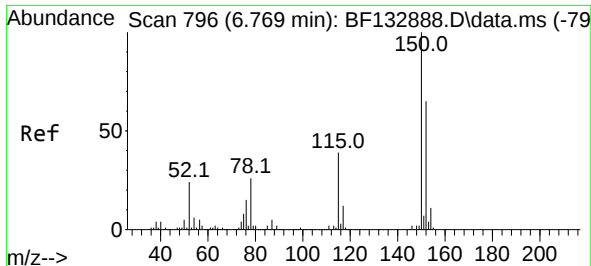
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	524097	39.000	ng	97
46) 1,1'-Biphenyl	9.222	154	1826927	35.955	ng	98
47) 2-Chloronaphthalene	9.245	162	1369797	36.429	ng	98
48) 2-Nitroaniline	9.339	65	496962	45.686	ng	97
49) Acenaphthylene	9.663	152	2192539	36.559	ng	99
50) Dimethylphthalate	9.528	163	1633864	36.870	ng	100
51) 2,6-Dinitrotoluene	9.580	165	386219	39.752	ng	91
52) Acenaphthene	9.833	154	1435502	37.144	ng	100
53) 3-Nitroaniline	9.751	138	454413	41.101	ng	96
54) 2,4-Dinitrophenol	9.851	184	203183	53.684	ng	89
55) Dibenzofuran	10.004	168	1992565	36.340	ng	99
56) 4-Nitrophenol	9.904	139	352860	42.964	ng	97
57) 2,4-Dinitrotoluene	9.986	165	510178	42.546	ng	89
58) Fluorene	10.345	166	1468592	36.564	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.122	232	401013	38.449	ng	98
60) Diethylphthalate	10.222	149	1568402	37.876	ng	100
61) 4-Chlorophenyl-phenyle...	10.339	204	730316	35.748	ng	93
62) 4-Nitroaniline	10.363	138	440422	41.445	ng	98
63) Azobenzene	10.498	77	1691637	36.572	ng	98
65) 4,6-Dinitro-2-methylph...	10.392	198	276740	51.380	ng	85
66) n-Nitrosodiphenylamine	10.457	169	1329094	36.286	ng	99
67) 4-Bromophenyl-phenylether	10.827	248	463836	36.117	ng	94
68) Hexachlorobenzene	10.892	284	491839	36.915	ng	# 89
69) Atrazine	10.986	200	411313	40.176	ng	99
70) Pentachlorophenol	11.086	266	362164	42.123	ng	99
71) Phenanthrene	11.304	178	2176920	35.986	ng	99
72) Anthracene	11.357	178	2262678	36.538	ng	100
73) Carbazole	11.510	167	2023728	37.768	ng	100
74) Di-n-butylphthalate	11.851	149	2393829	41.675	ng	99
75) Fluoranthene	12.492	202	2249343	37.391	ng	100
77) Benzidine	12.610	184	674828	56.036	ng	96
78) Pyrene	12.721	202	2327908	36.826	ng	98
80) Butylbenzylphthalate	13.345	149	864899	55.767	ng	93
81) Benzo(a)anthracene	13.904	228	1950339	37.096	ng	99
82) 3,3'-Dichlorobenzidine	13.868	252	600636	47.228	ng	99
83) Chrysene	13.945	228	1922366	36.787	ng	100
84) Bis(2-ethylhexyl)phtha...	13.910	149	1145816	57.302	ng	100
85) Di-n-octyl phthalate	14.521	149	1979039	45.863	ng	96
87) Indeno(1,2,3-cd)pyrene	16.733	276	1495028	39.338	ng	100
88) Benzo(b)fluoranthene	14.933	252	1705168	41.158	ng	100
89) Benzo(k)fluoranthene	14.962	252	1527809	37.019	ng	100
90) Benzo(a)pyrene	15.286	252	1439849	38.041	ng	99
91) Dibenzo(a,h)anthracene	16.751	278	1259151	38.884	ng	98
92) Benzo(g,h,i)perylene	17.156	276	1257092	40.545	ng	99

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

Manual Integrations

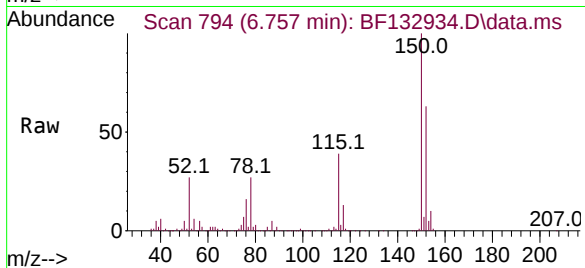
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 796
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

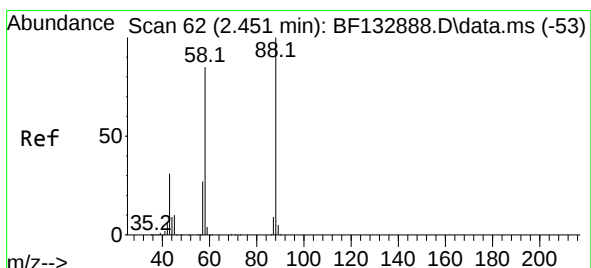
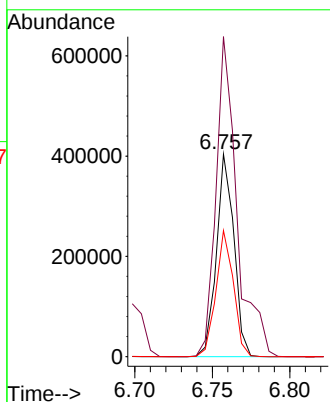
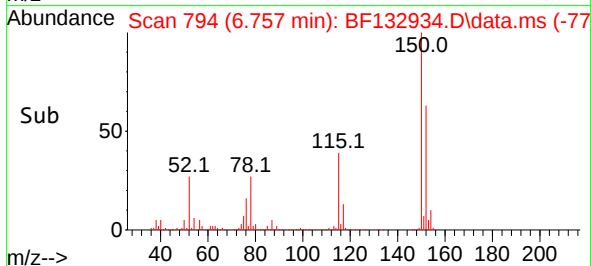
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 318150
Ion Ratio Lower Upper
152 100
150 158.1 122.8 184.2
115 62.2 47.3 70.9

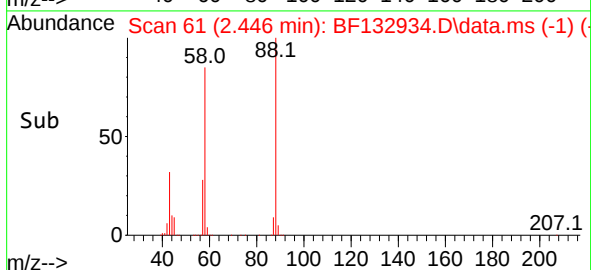
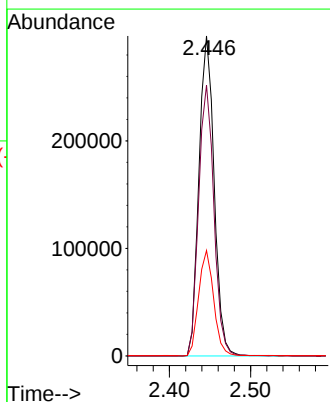
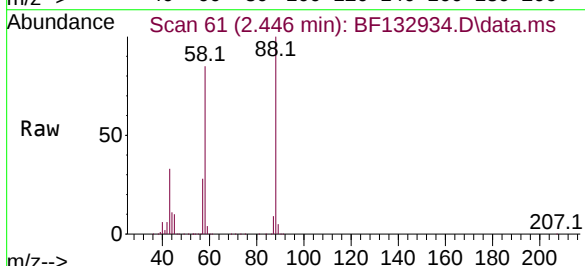
Manual Integrations
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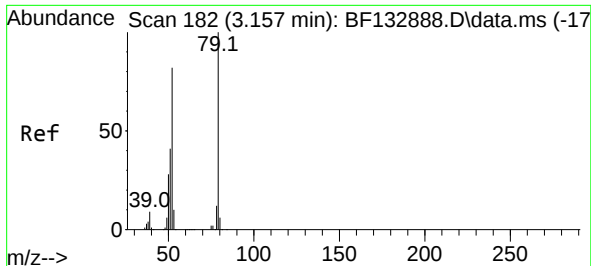
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#2
1,4-Dioxane
Concen: 38.987 ng
RT: 2.446 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

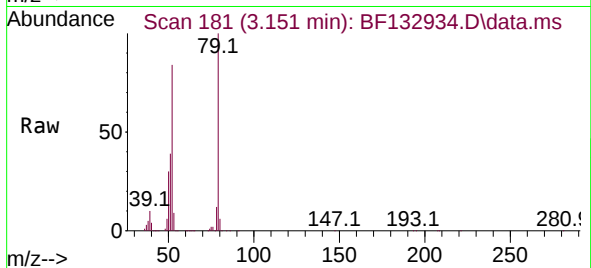
Tgt Ion: 88 Resp: 387069
Ion Ratio Lower Upper
88 100
58 85.2 67.8 101.6
43 32.7 25.4 38.0





#3
Pyridine
Concen: 39.931 ng
RT: 3.151 min Scan# 181
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

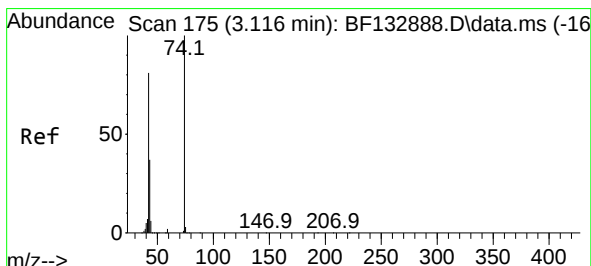
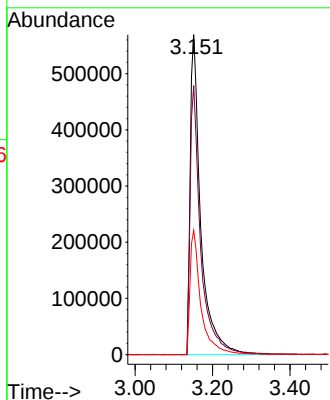
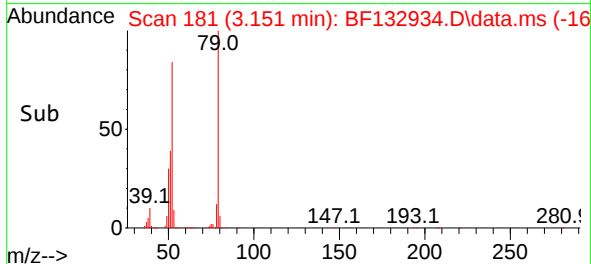
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



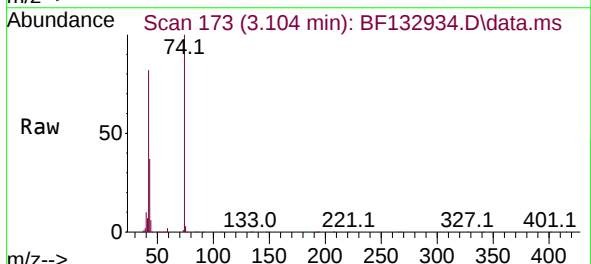
Tgt Ion: 79 Resp: 1084240
Ion Ratio Lower Upper
79 100
52 84.1 65.4 98.0
51 38.8 32.6 48.8

Manual Integrations
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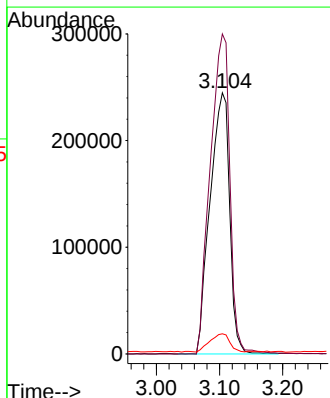
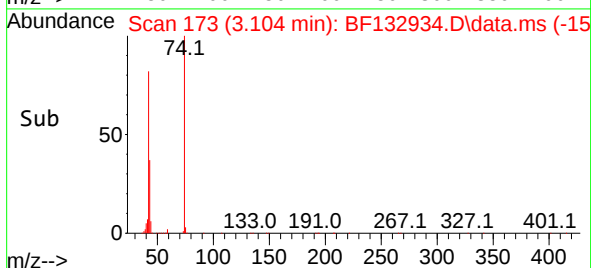
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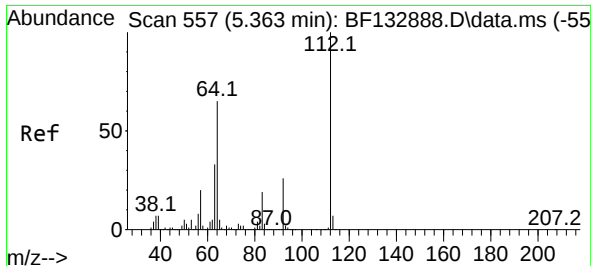


#4
n-Nitrosodimethylamine
Concen: 40.802 ng
RT: 3.104 min Scan# 173
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35



Tgt Ion: 42 Resp: 526415
Ion Ratio Lower Upper
42 100
74 122.6 98.4 147.6
44 7.7 6.1 9.1





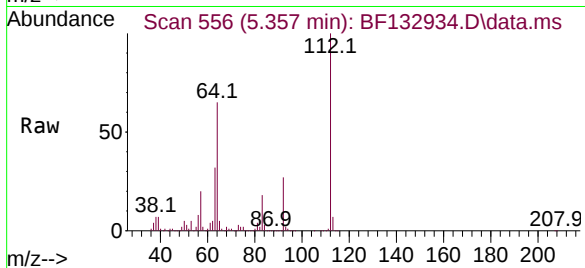
#5
2-Fluorophenol
Concen: 79.220 ng
RT: 5.357 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

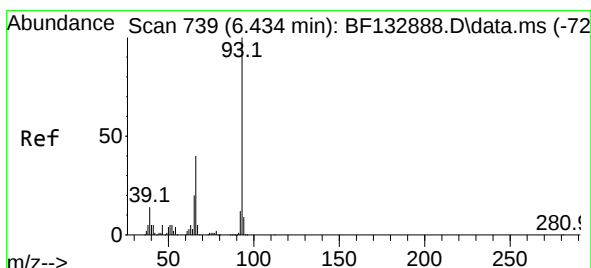
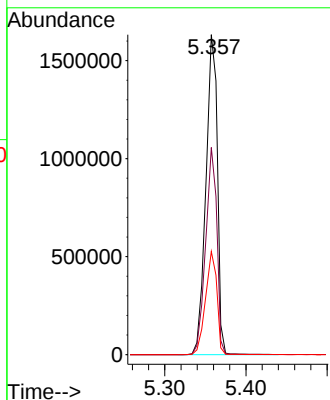
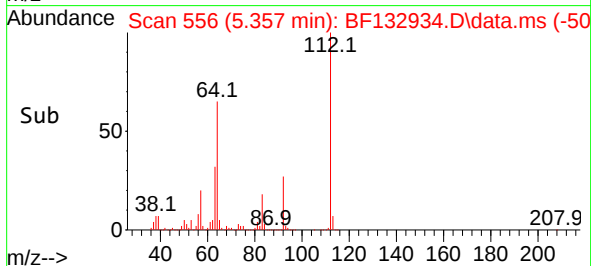


Tgt Ion: 112 Resp: 1611846
Ion Ratio Lower Upper
112 100
64 64.7 51.8 77.8
63 32.2 26.3 39.5

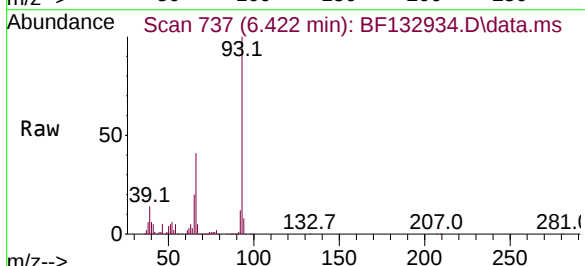
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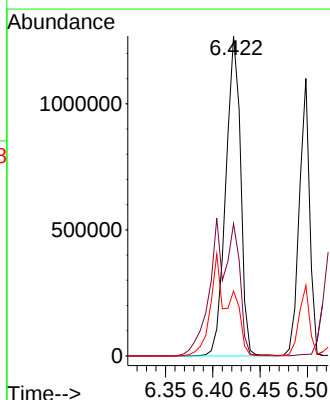
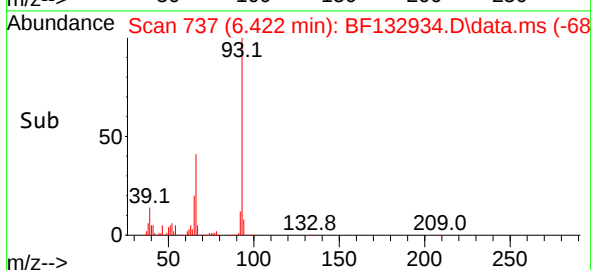
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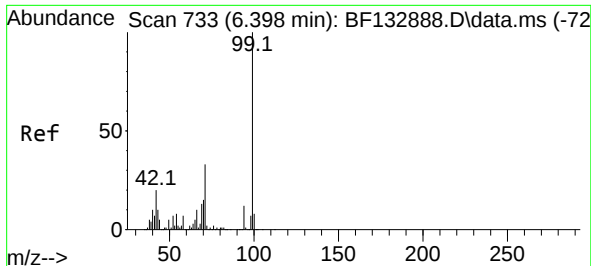


#6
Aniline
Concen: 40.058 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35



Tgt Ion: 93 Resp: 1379218
Ion Ratio Lower Upper
93 100
66 41.3 31.8 47.6
65 20.3 16.3 24.5





#7

Phenol-d6

Concen: 79.516 ng

RT: 6.392 min Scan# 733

Delta R.T. 0.000 min

Lab File: BF132934.D

Acq: 20 Apr 2023 12:35

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 2064458

Ion Ratio Lower Upper

99 100

42 20.1 16.1 24.1

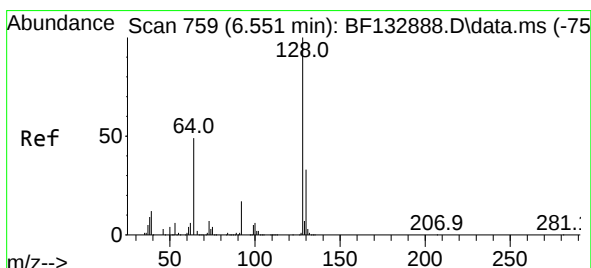
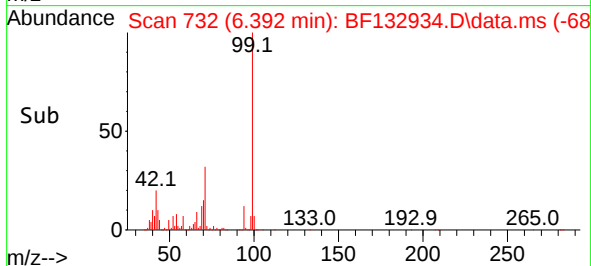
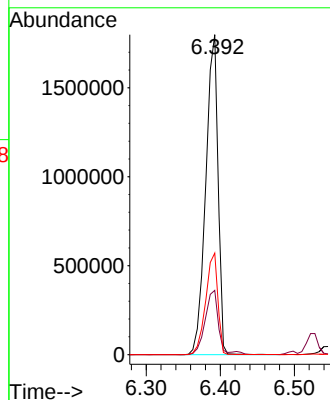
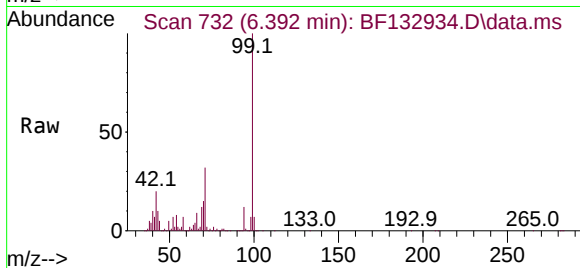
71 31.8 26.1 39.1

Manual Integrations

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#8

2-Chlorophenol

Concen: 39.031 ng

RT: 6.545 min Scan# 758

Delta R.T. 0.000 min

Lab File: BF132934.D

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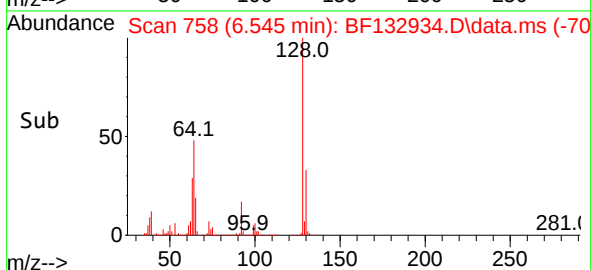
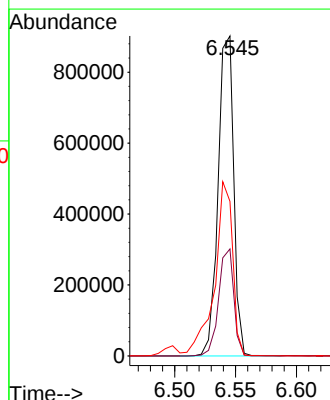
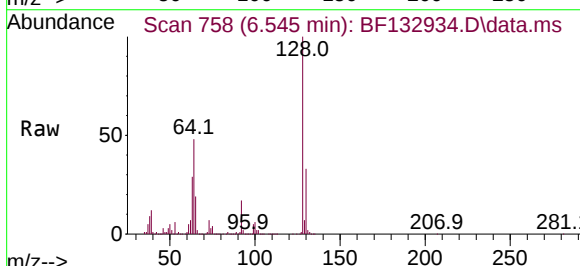
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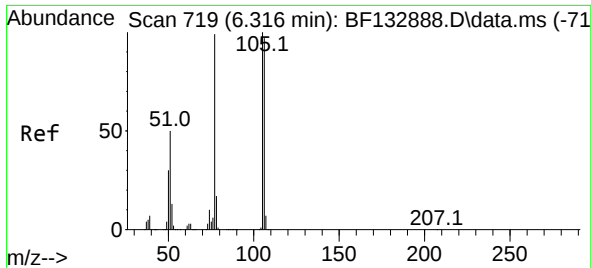
Ion Ratio Lower Upper

128 100

130 33.4 13.2 53.2

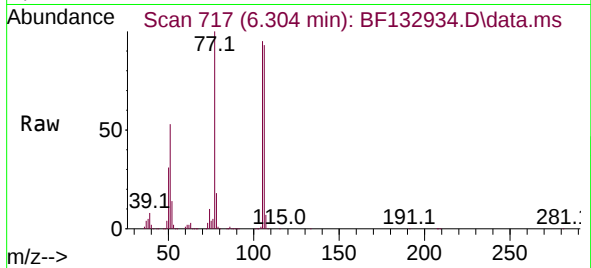
64 48.3 30.9 70.9





#9
Benzaldehyde
Concen: 36.147 ng
RT: 6.304 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF132934.D
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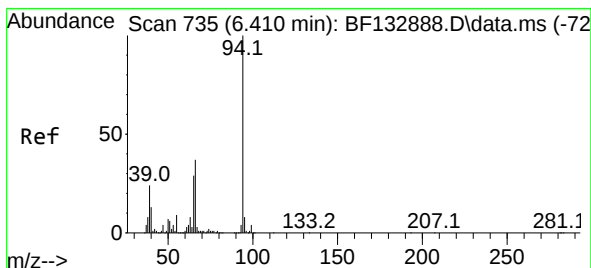
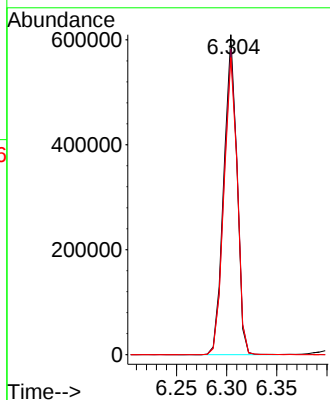
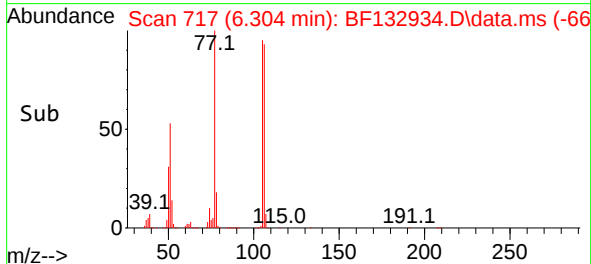
Instrument :
BNA_F
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Tgt Ion: 77 Resp: 555278
Ion Ratio Lower Upper
77 100
105 95.5 80.8 120.8
106 92.8 77.9 117.9

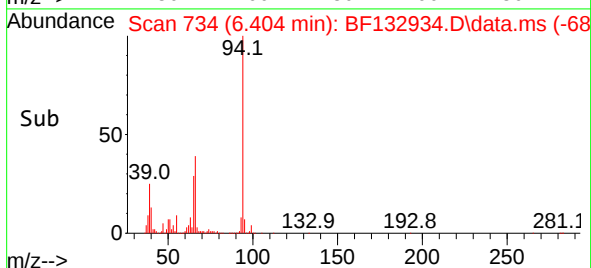
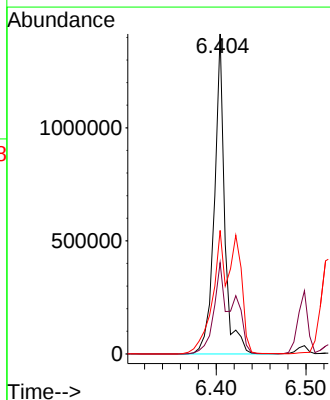
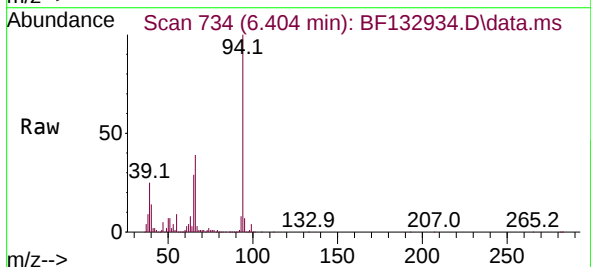
Manual Integrations
APPROVED

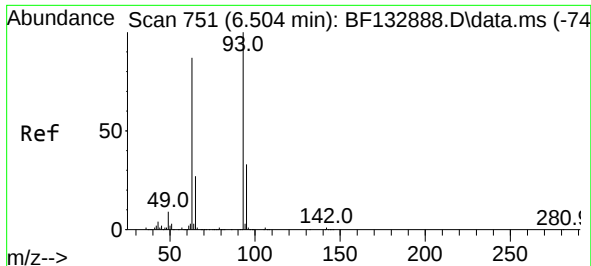
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#10
Phenol
Concen: 38.894 ng
RT: 6.404 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

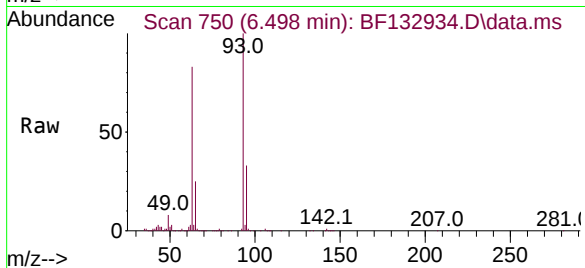
Tgt Ion: 94 Resp: 1135391
Ion Ratio Lower Upper
94 100
65 28.5 9.0 49.0
66 38.6 17.1 57.1





#11
bis(2-Chloroethyl)ether
Concen: 37.764 ng
RT: 6.498 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

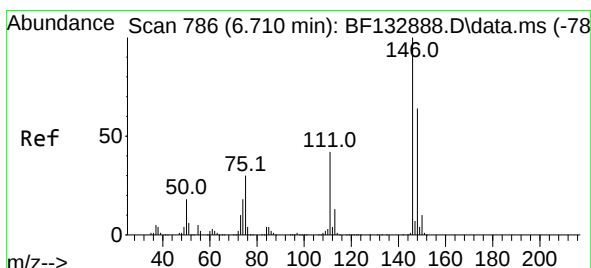
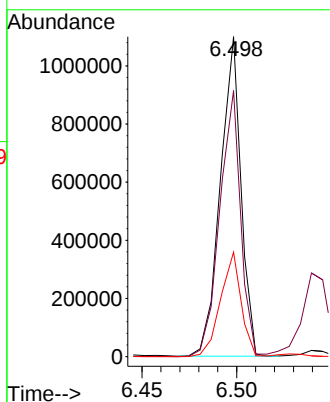
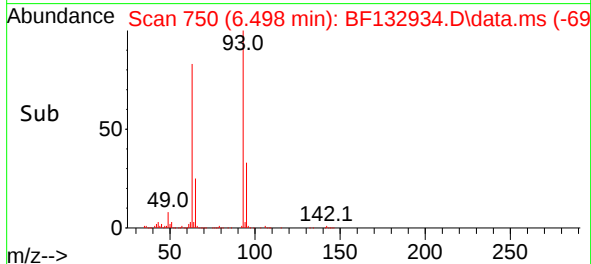
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 93 Resp: 832564
Ion Ratio Lower Upper
93 100
63 83.1 66.7 106.7
95 32.6 12.8 52.8

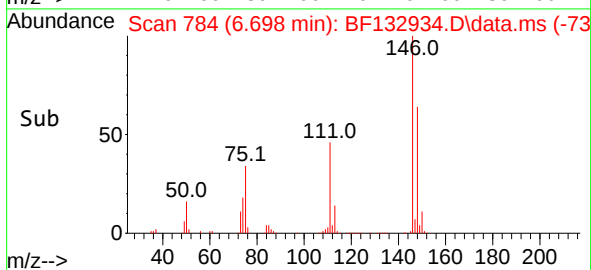
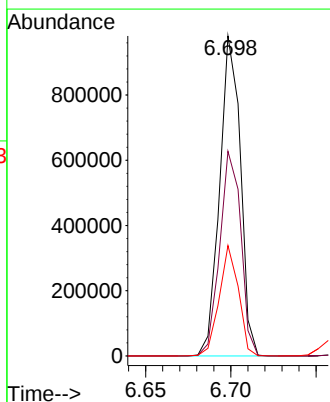
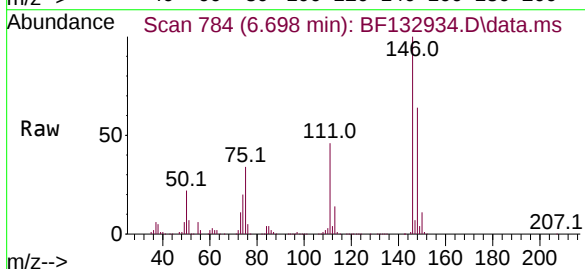
Manual Integrations
APPROVED

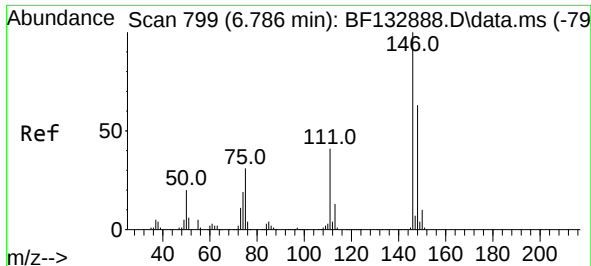
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#12
1,3-Dichlorobenzene
Concen: 36.531 ng
RT: 6.698 min Scan# 784
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

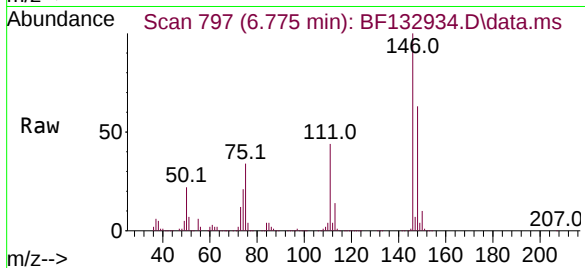
Tgt Ion:146 Resp: 828797
Ion Ratio Lower Upper
146 100
148 63.9 51.1 76.7
75 34.5 23.9 35.9





#13
1,4-Dichlorobenzene
Concen: 37.519 ng
RT: 6.775 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

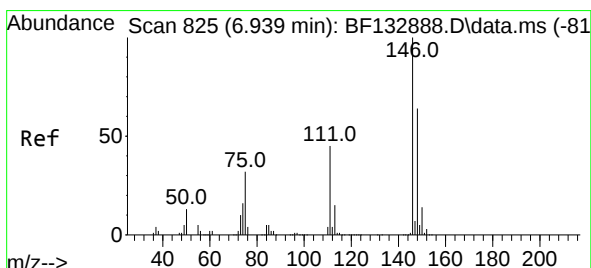
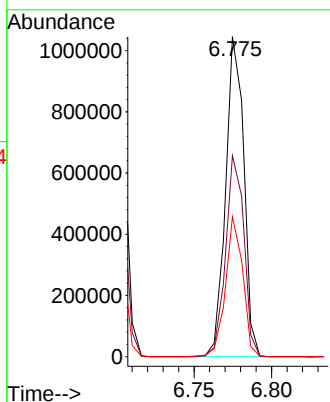
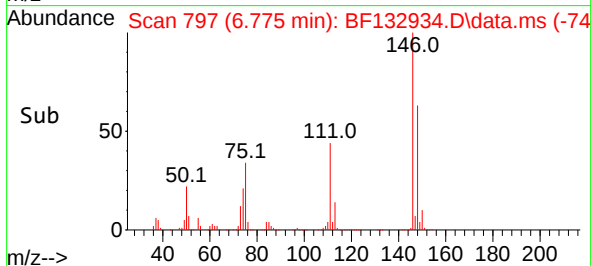
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



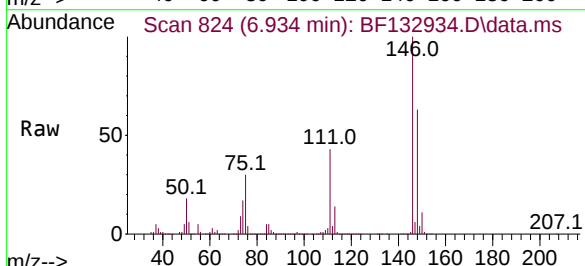
Tgt Ion:146 Resp: 852934
Ion Ratio Lower Upper
146 100
148 62.8 50.7 76.1
111 43.8 32.5 48.7

Manual Integrations
APPROVED

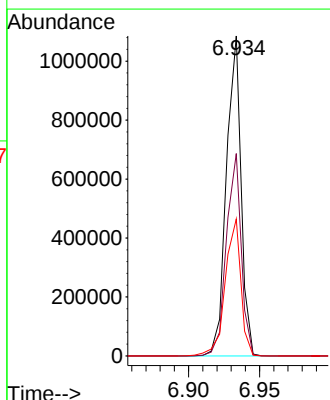
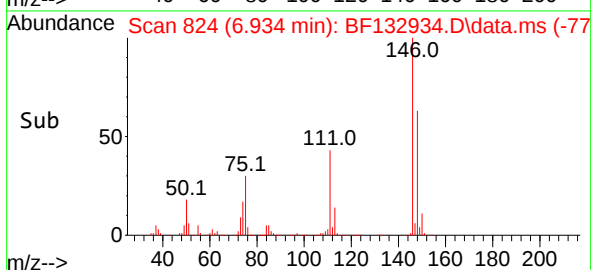
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023

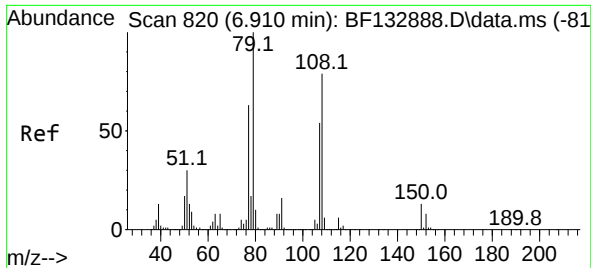


#14
1,2-Dichlorobenzene
Concen: 36.822 ng
RT: 6.934 min Scan# 824
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35



Tgt Ion:146 Resp: 781584
Ion Ratio Lower Upper
146 100
148 63.2 51.3 76.9
111 42.8 36.0 54.0





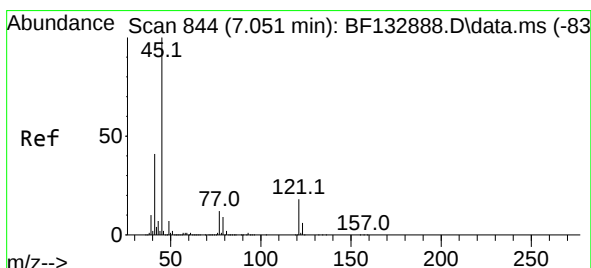
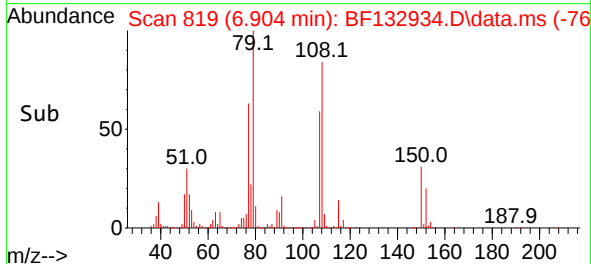
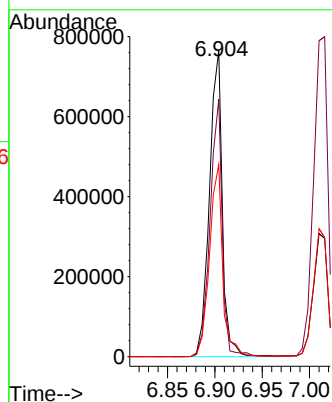
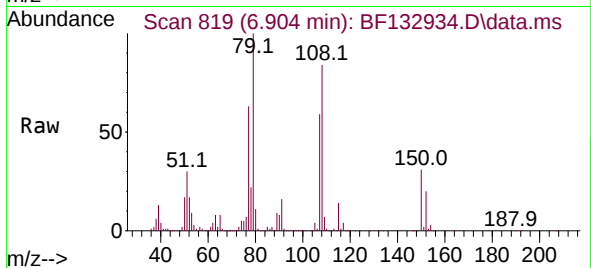
#15
Benzyl Alcohol
Concen: 40.853 ng
RT: 6.904 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 726904
Ion Ratio Lower Upper
79 100
108 84.1 63.0 94.6
77 62.8 50.4 75.6

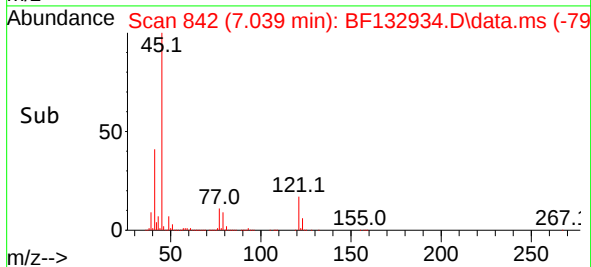
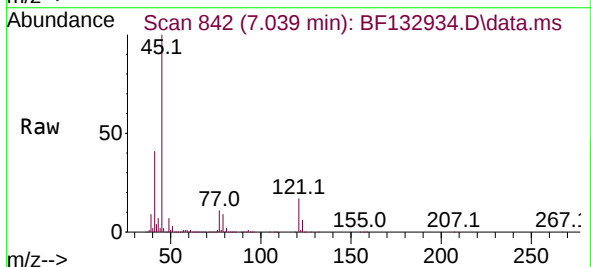
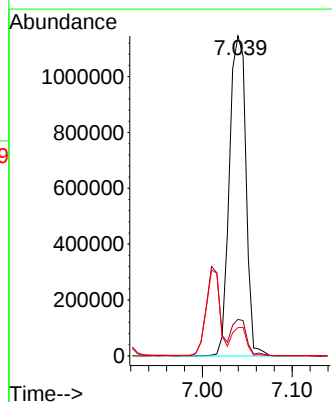
Manual Integrations
APPROVED

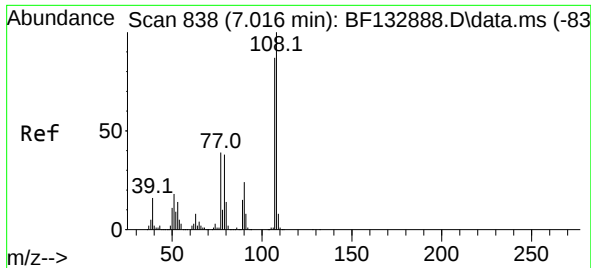
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.694 ng
RT: 7.039 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

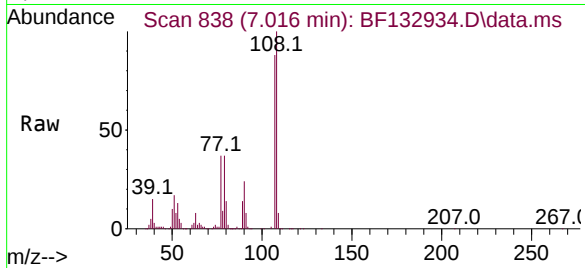
Tgt Ion: 45 Resp: 1476089
Ion Ratio Lower Upper
45 100
77 11.4 0.0 31.6
79 8.8 0.0 29.2





#17
2-Methylphenol
Concen: 39.171 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

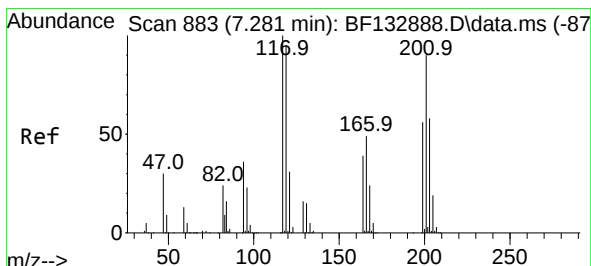
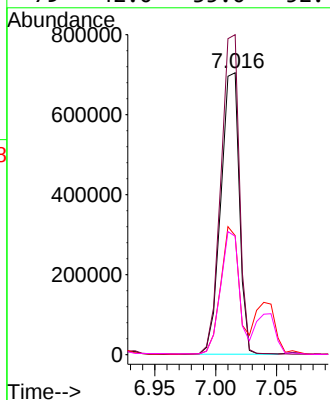
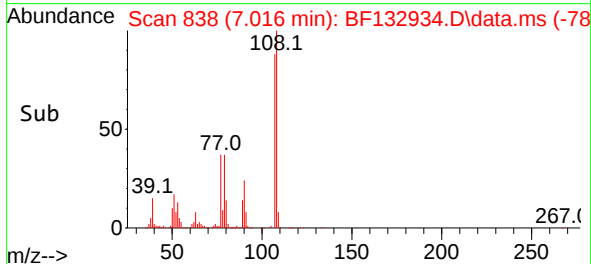
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:	107	Resp:	740552
Ion Ratio	Lower	Upper	
107	100		
108	113.5	91.7	137.5
77	42.2	35.8	53.8
79	42.0	35.0	52.4

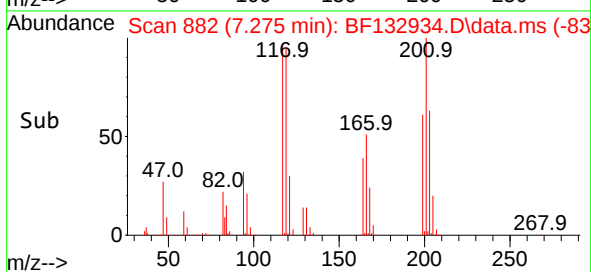
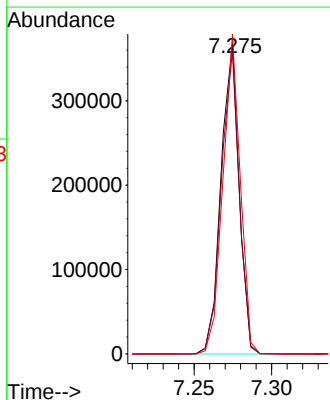
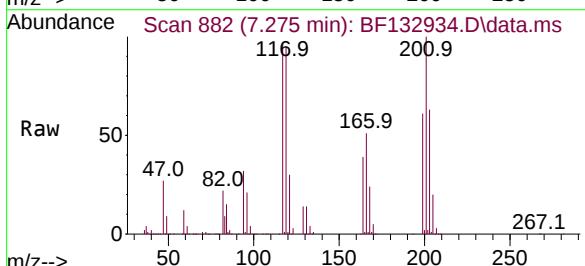
Manual Integrations
APPROVED

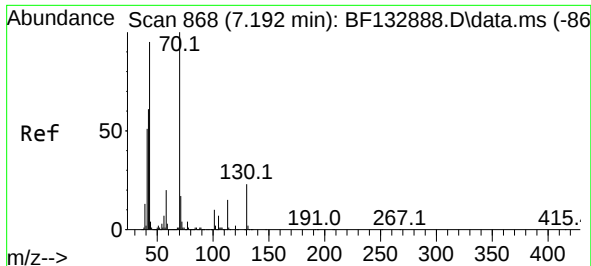
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#18
Hexachloroethane
Concen: 37.807 ng
RT: 7.275 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

Tgt Ion:	117	Resp:	298284
Ion Ratio	Lower	Upper	
117	100		
119	97.4	76.1	114.1
201	102.9	71.8	107.6





#19

n-Nitroso-di-n-propylamine

Concen: 37.855 ng

RT: 7.181 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF132934.D

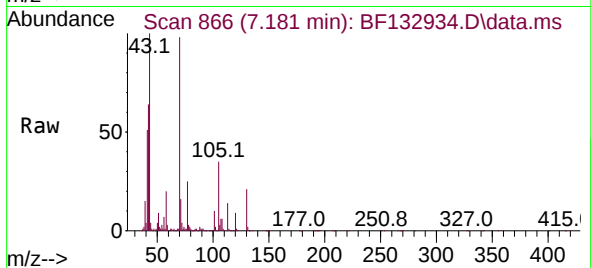
Acq: 20 Apr 2023 12:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 613462

Ion Ratio Lower Upper

70 100

42 65.0 49.0 73.6

101 10.0 8.1 12.1

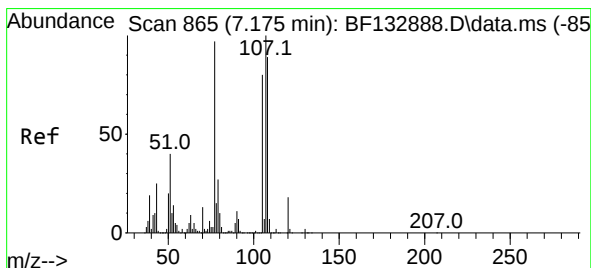
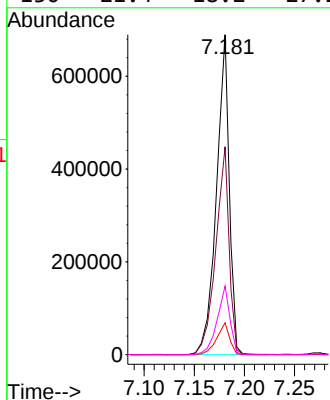
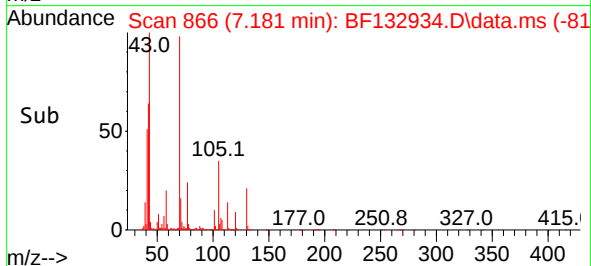
130 21.4 18.2 27.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/21/2023

Supervised By :Jagrut Upadhyay 04/21/2023



#20

3+4-Methylphenols

Concen: 39.218 ng

RT: 7.169 min Scan# 864

Delta R.T. 0.000 min

Lab File: BF132934.D

Acq: 20 Apr 2023 12:35

Tgt Ion:107 Resp: 876357

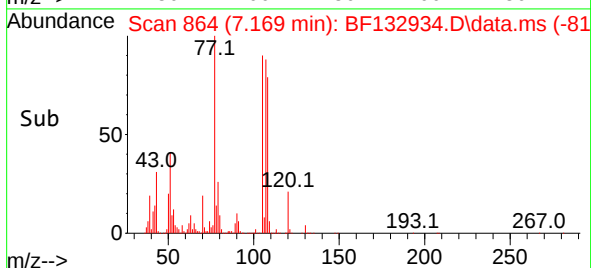
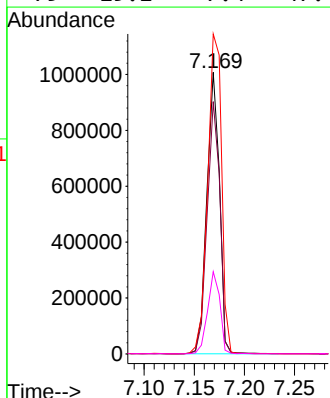
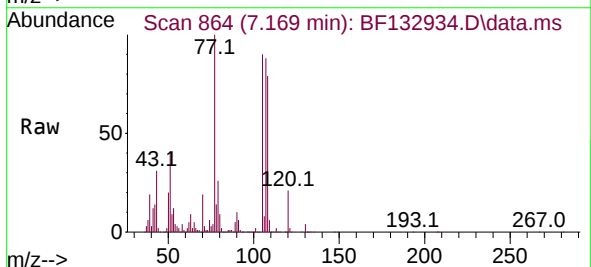
Ion Ratio Lower Upper

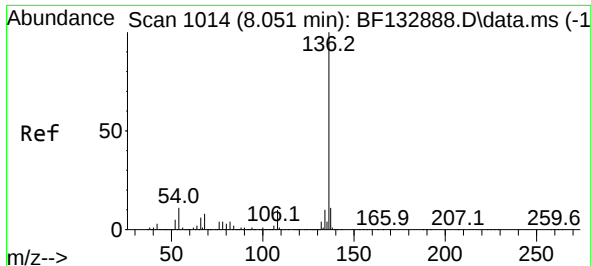
107 100

108 89.6 68.5 108.5

77 113.7 77.1 117.1

79 29.2 7.4 47.4





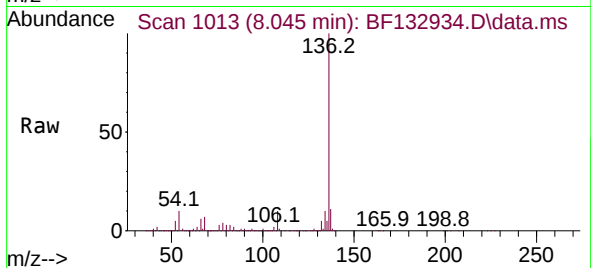
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

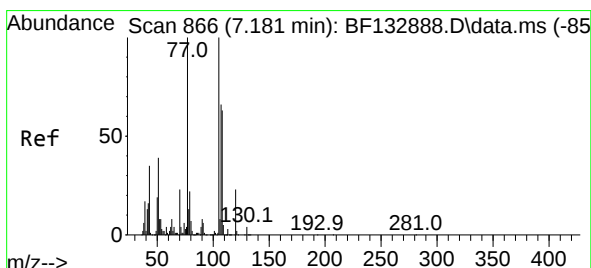
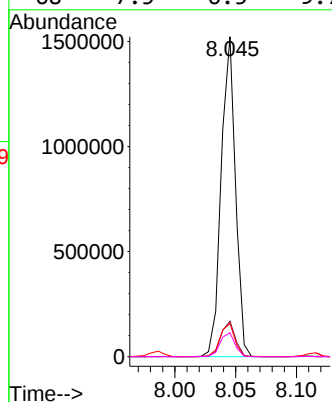
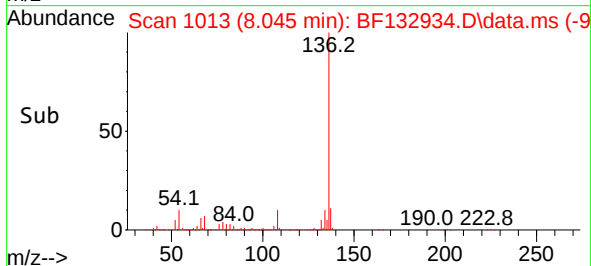


Tgt Ion:136 Resp: 1243097
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 10.4 8.9 13.3
68 7.5 6.5 9.7

Manual Integrations

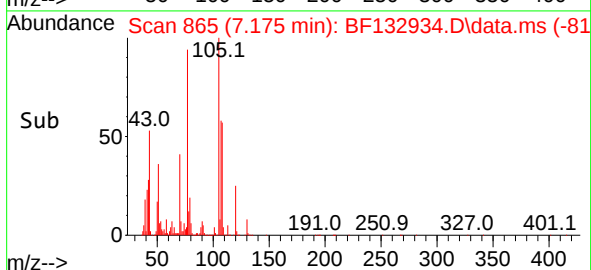
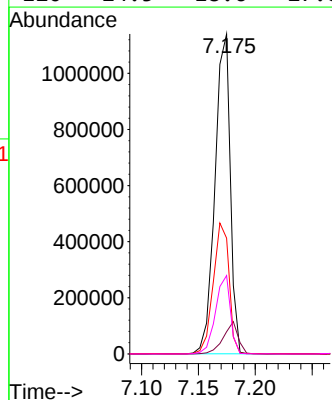
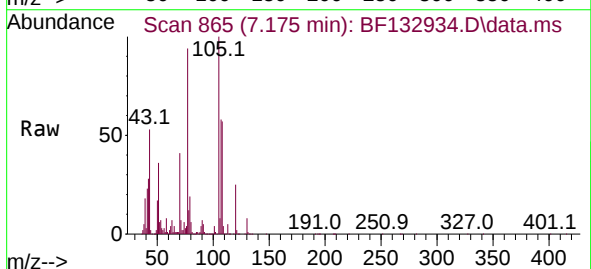
APPROVED

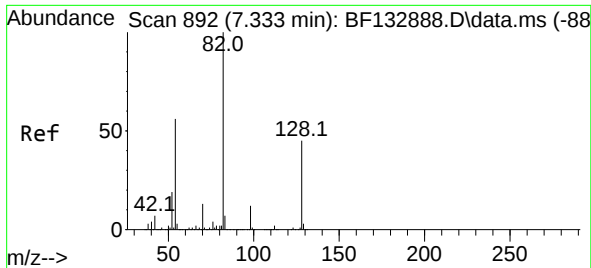
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#22
Acetophenone
Concen: 36.632 ng
RT: 7.175 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

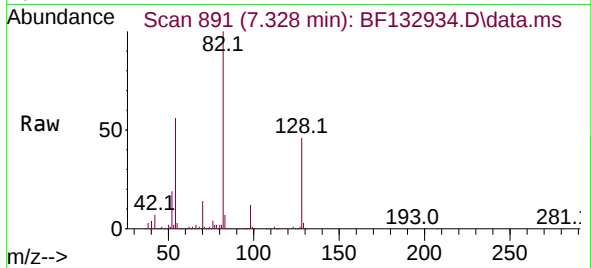
Tgt Ion:105 Resp: 1068267
Ion Ratio Lower Upper
105 100
71 6.9 3.1 4.7#
51 36.2 31.4 47.2
120 24.5 18.6 27.8





#23
Nitrobenzene-d5
Concen: 76.304 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

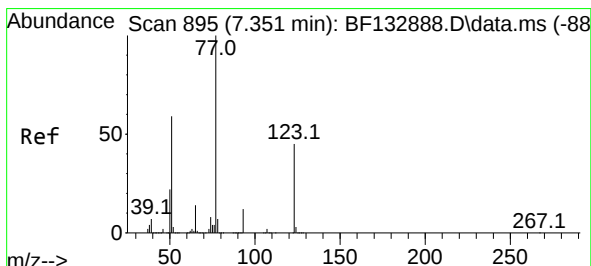
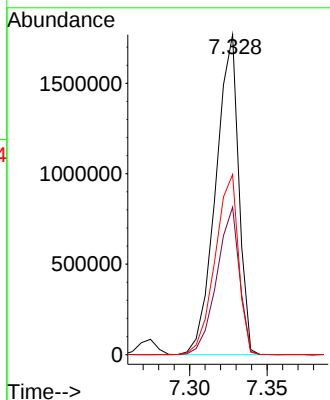
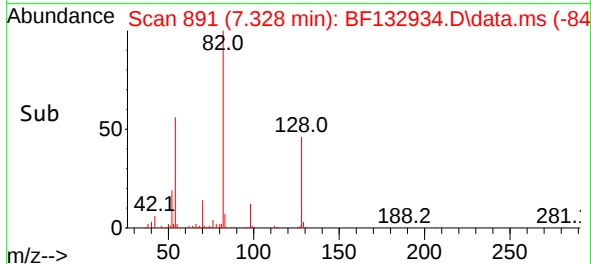
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 82 Resp: 181974
Ion Ratio Lower Upper
82 100
128 46.1 35.7 53.5
54 56.3 44.7 67.1

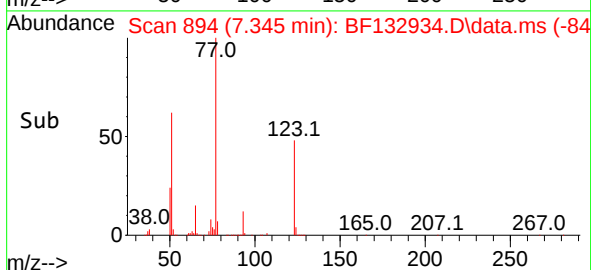
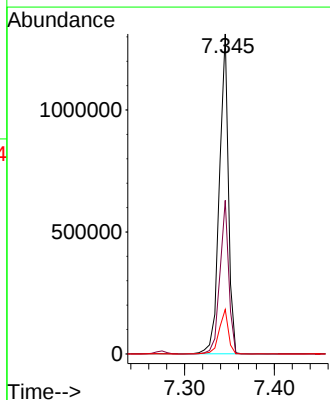
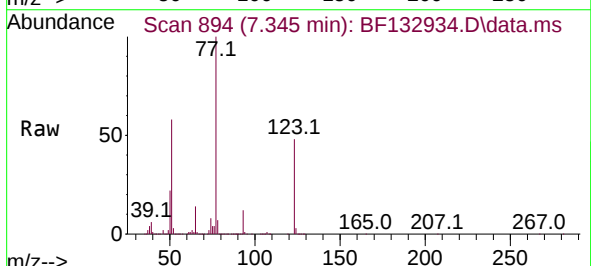
Manual Integrations
APPROVED

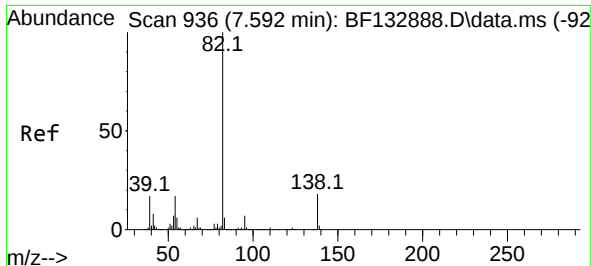
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#24
Nitrobenzene
Concen: 37.856 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

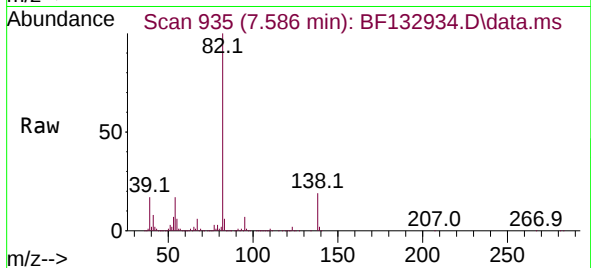
Tgt Ion: 77 Resp: 925366
Ion Ratio Lower Upper
77 100
123 48.0 36.3 54.5
65 13.9 11.2 16.8





#25
Isophorone
Concen: 37.298 ng
RT: 7.586 min Scan# 936
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

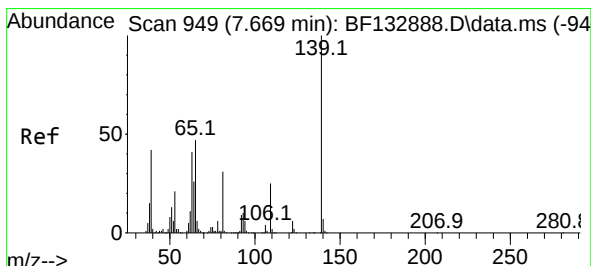
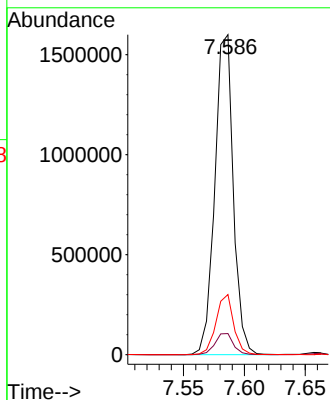
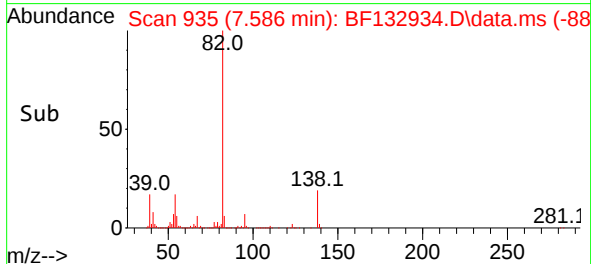
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



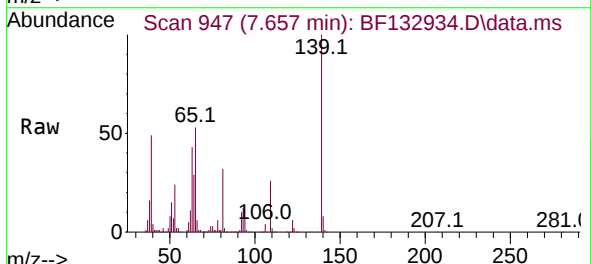
Tgt Ion: 82 Resp: 1687204
Ion Ratio Lower Upper
82 100
95 6.6 5.3 7.9
138 18.8 14.2 21.2

Manual Integrations
APPROVED

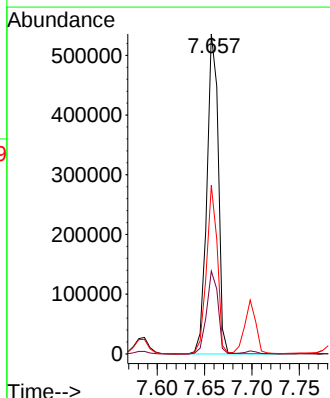
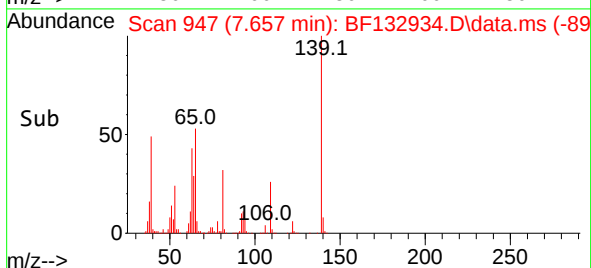
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023

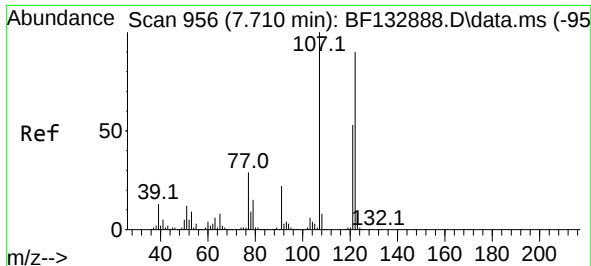


#26
2-Nitrophenol
Concen: 48.845 ng
RT: 7.657 min Scan# 947
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35



Tgt Ion:139 Resp: 450419
Ion Ratio Lower Upper
139 100
109 25.9 20.1 30.1
65 52.7 38.0 57.0





#27

2,4-Dimethylphenol

Concen: 39.368 ng

RT: 7.698 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF132934.D

Acq: 20 Apr 2023 12:35

Instrument :

BNA_F

ClientSampleId :

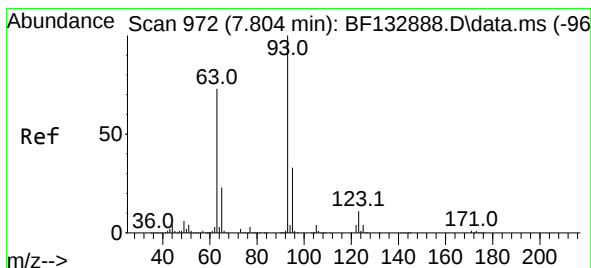
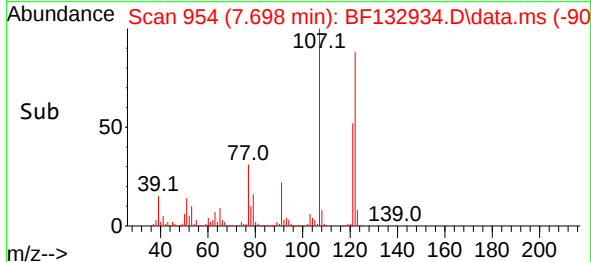
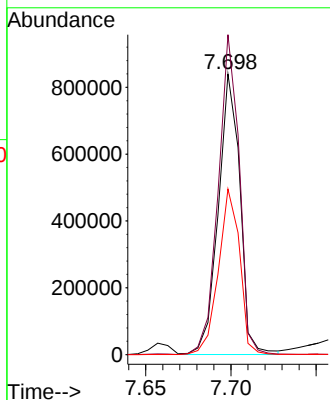
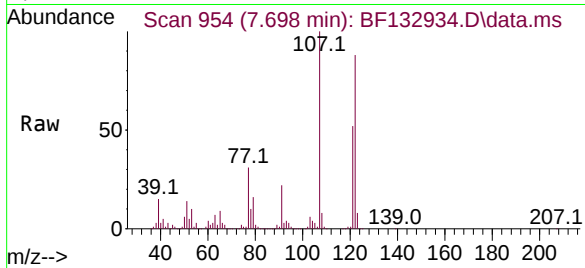
SSTDCCC040

Tgt Ion:122 Resp: 740533
 Ion Ratio Lower Upper
 122 100
 107 114.0 88.5 132.7
 121 59.0 47.2 70.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/21/2023
 Supervised By :Jagrut Upadhyay 04/21/2023



#28

bis(2-Chloroethoxy)methane

Concen: 36.532 ng

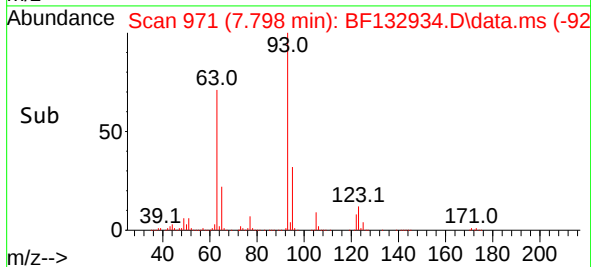
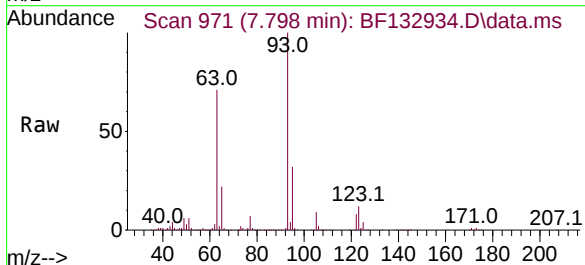
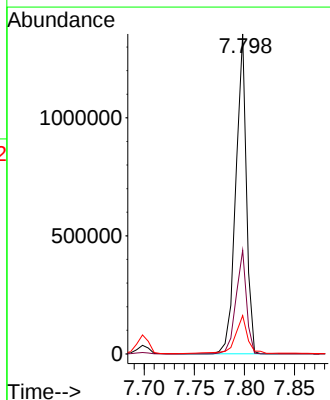
RT: 7.798 min Scan# 971

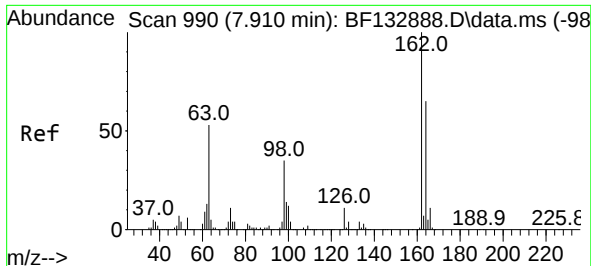
Delta R.T. 0.000 min

Lab File: BF132934.D

Acq: 20 Apr 2023 12:35

Tgt Ion: 93 Resp: 988052
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.3 39.5
 123 12.0 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 38.376 ng

RT: 7.898 min Scan# 98

Delta R.T. 0.000 min

Lab File: BF132934.D

Acq: 20 Apr 2023 12:35

Instrument :

BNA_F

ClientSampleId :

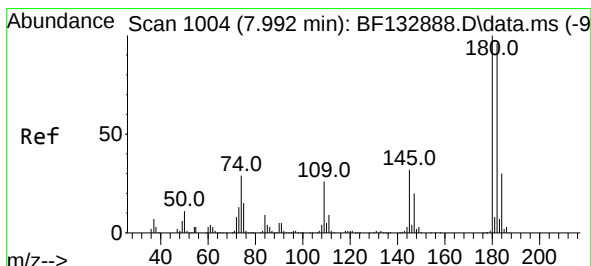
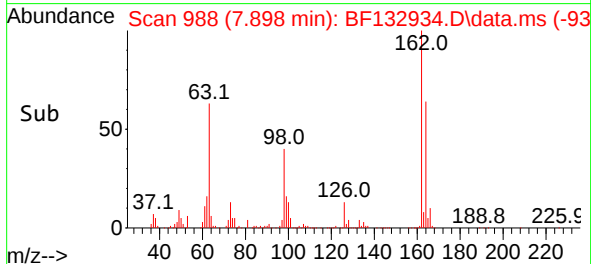
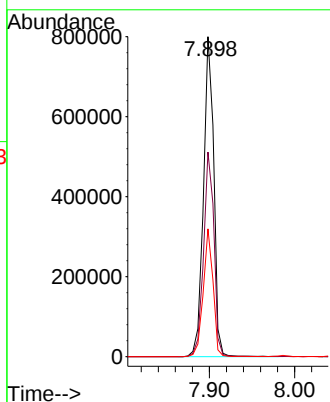
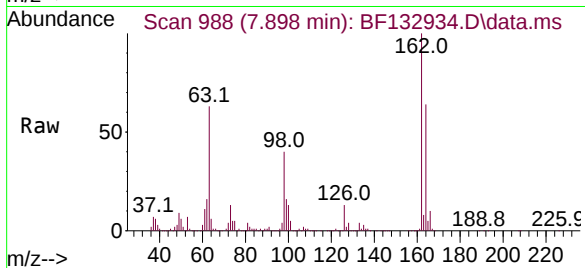
SSTDCCC040

Tgt Ion:162	Resp: 671915
Ion Ratio	Lower Upper
162 100	
164 64.0	45.2 85.2
98 40.0	14.8 54.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#30

1,2,4-Trichlorobenzene

Concen: 37.020 ng

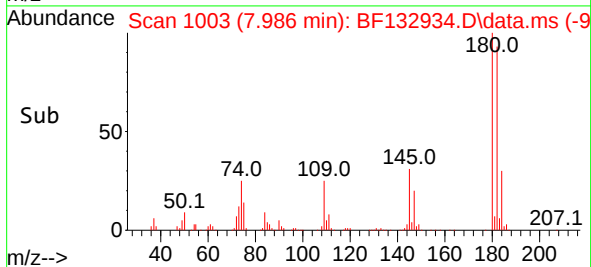
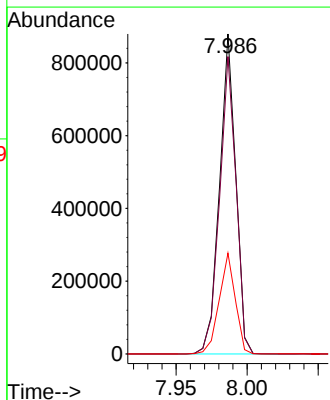
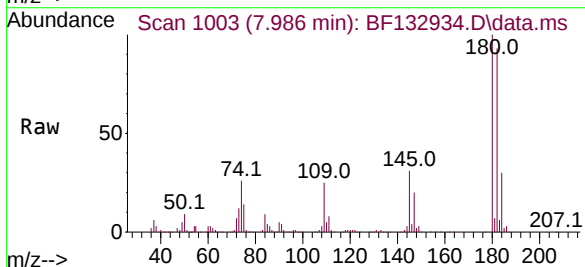
RT: 7.986 min Scan# 1003

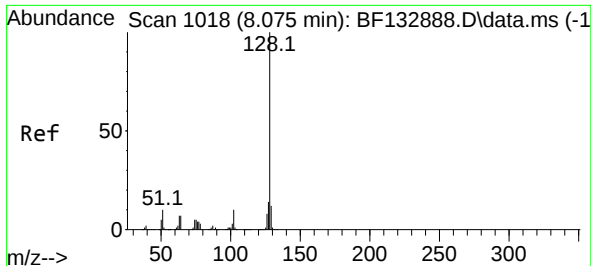
Delta R.T. 0.000 min

Lab File: BF132934.D

Acq: 20 Apr 2023 12:35

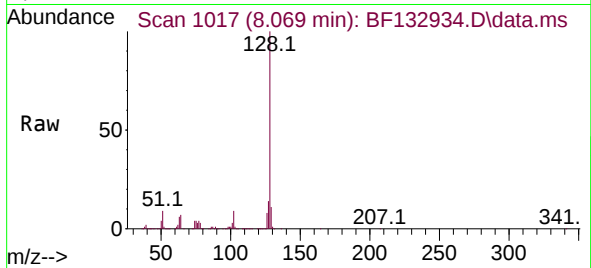
Tgt Ion:180	Resp: 699848
Ion Ratio	Lower Upper
180 100	
182 92.9	76.6 114.8
145 31.5	25.4 38.0





#31
Naphthalene
Concen: 37.057 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

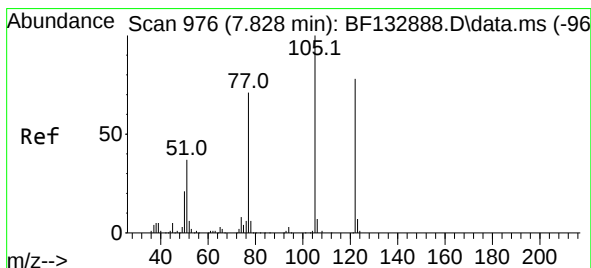
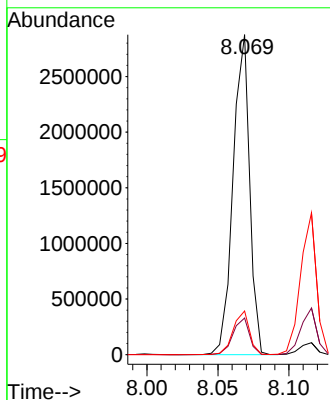
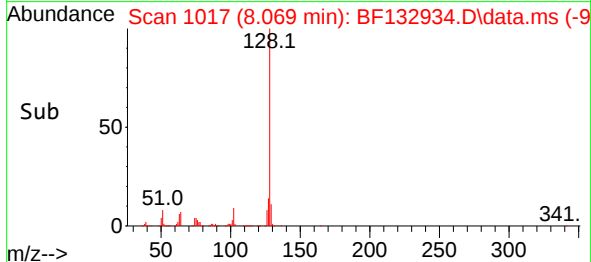
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 2327839
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.0
127 13.6 11.0 16.6

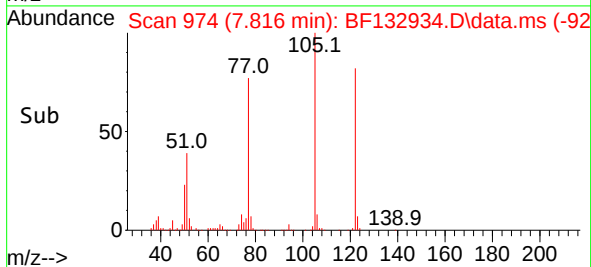
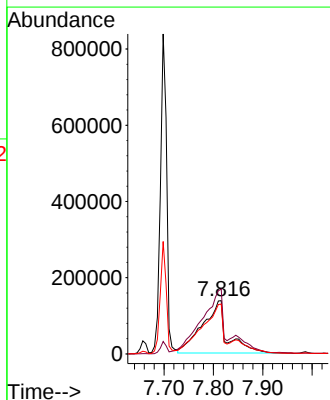
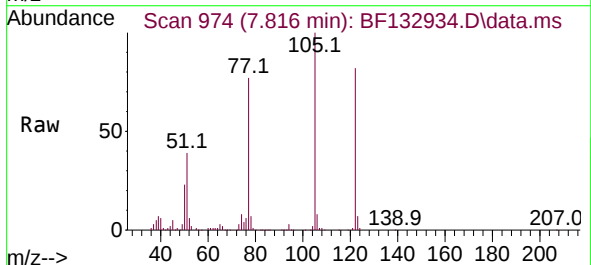
Manual Integrations
APPROVED

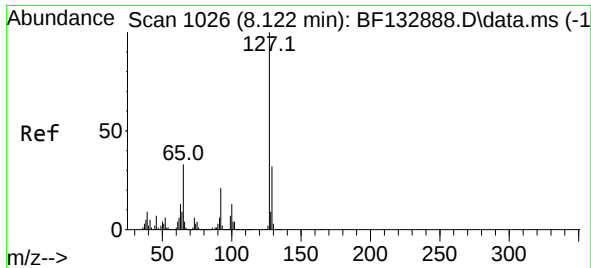
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#32
Benzoic acid
Concen: 51.059 ng m
RT: 7.816 min Scan# 974
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

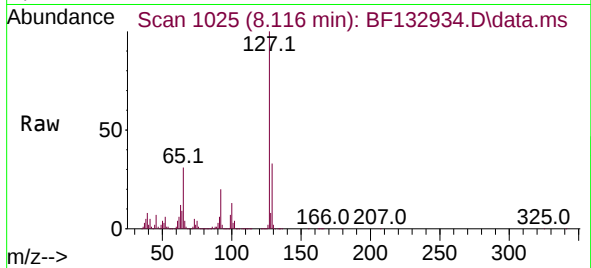
Tgt Ion:122 Resp: 481628
Ion Ratio Lower Upper
122 100
105 121.4 104.5 144.5
77 93.6 71.2 111.2





#33
4-Chloroaniline
Concen: 39.031 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

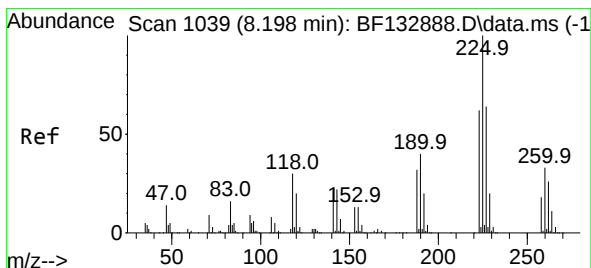
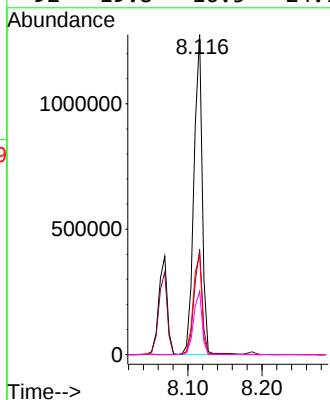
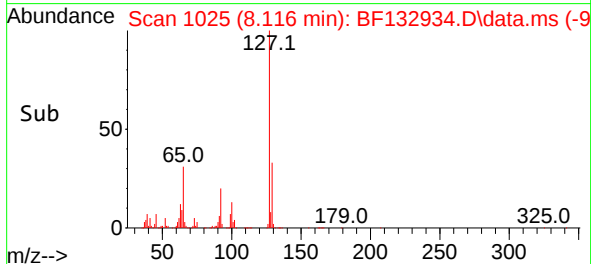
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



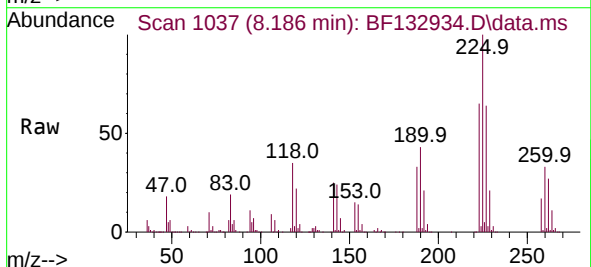
Tgt Ion:127 Resp: 1004234
Ion Ratio Lower Upper
127 100
129 32.9 25.9 38.9
65 31.1 26.7 40.1
92 19.8 16.5 24.7

Manual Integrations
APPROVED

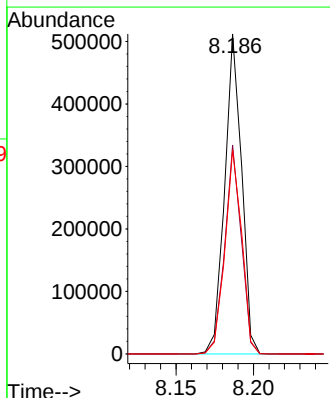
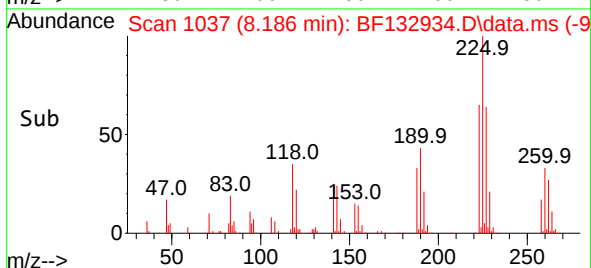
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023

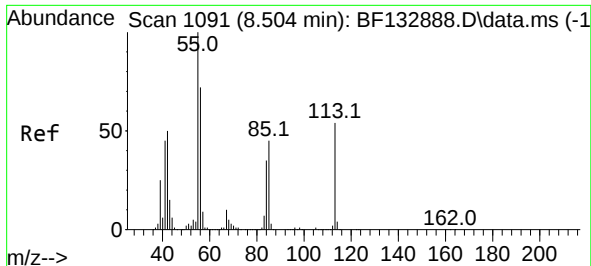


#34
Hexachlorobutadiene
Concen: 36.061 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35



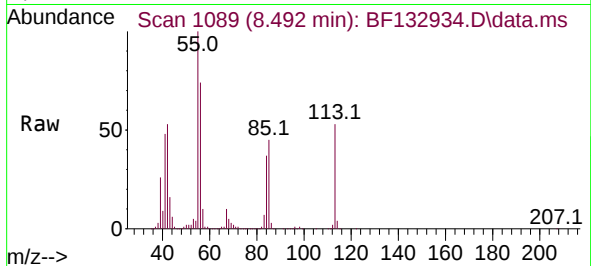
Tgt Ion:225 Resp: 390011
Ion Ratio Lower Upper
225 100
223 65.3 49.6 74.4
227 63.8 51.6 77.4





#35
 Caprolactam
 Concen: 44.455 ng
 RT: 8.492 min Scan# 1091
 Delta R.T. 0.000 min
 Lab File: BF132934.D
 Acq: 20 Apr 2023 12:35

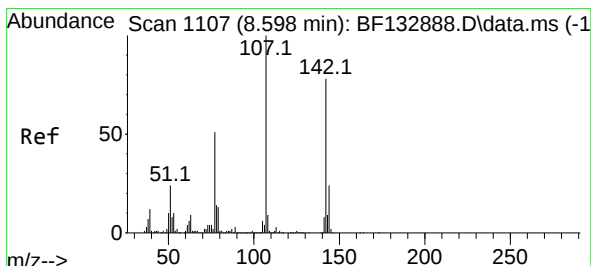
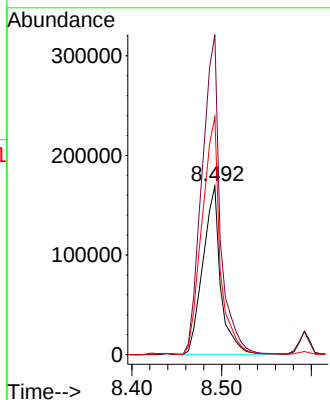
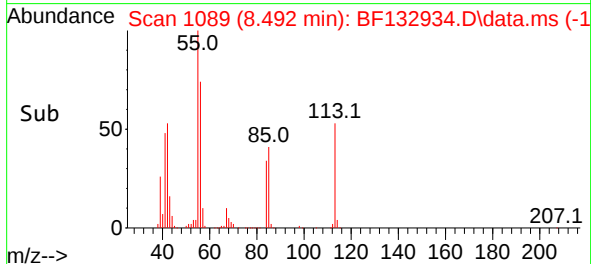
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



Tgt Ion:113 Resp: 231791
 Ion Ratio Lower Upper
 113 100
 55 190.0 166.0 206.0
 56 141.3 114.5 154.5

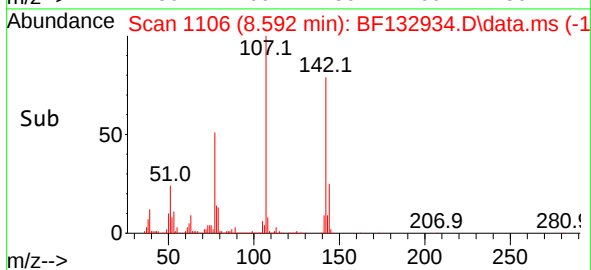
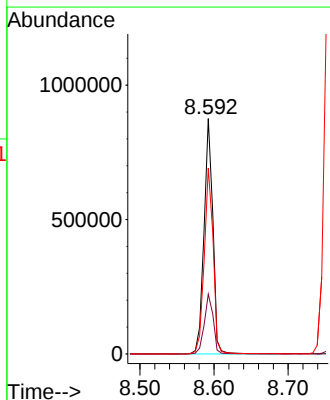
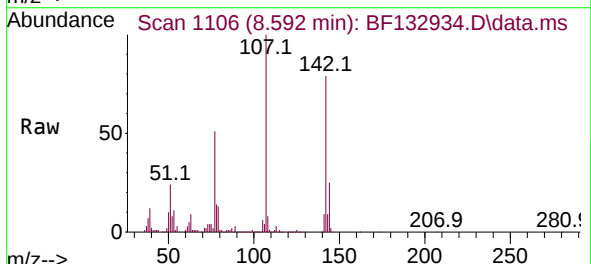
Manual Integrations
 APPROVED

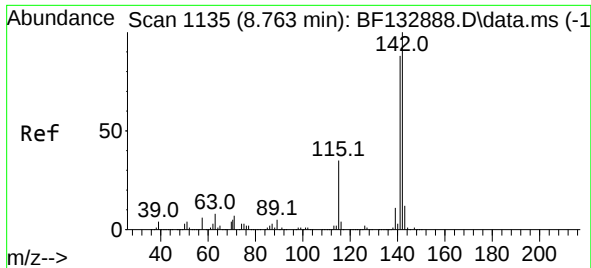
Reviewed By :Christian Giraldo 04/21/2023
 Supervised By :Jagrut Upadhyay 04/21/2023



#36
 4-Chloro-3-methylphenol
 Concen: 39.224 ng
 RT: 8.592 min Scan# 1106
 Delta R.T. 0.000 min
 Lab File: BF132934.D
 Acq: 20 Apr 2023 12:35

Tgt Ion:107 Resp: 720828
 Ion Ratio Lower Upper
 107 100
 144 25.4 19.4 29.0
 142 79.0 62.2 93.2





#37

2-Methylnaphthalene

Concen: 36.645 ng

RT: 8.757 min Scan# 1111

Delta R.T. 0.000 min

Lab File: BF132934.D

Acq: 20 Apr 2023 12:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 1584450

Ion Ratio Lower Upper

142 100

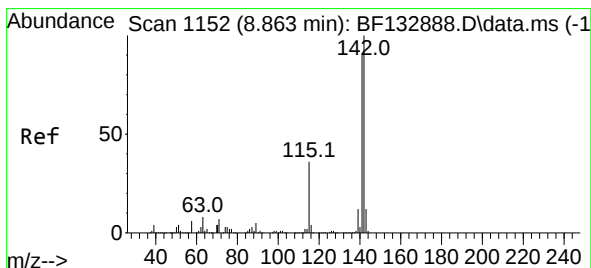
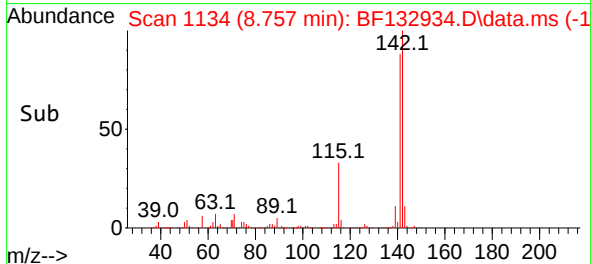
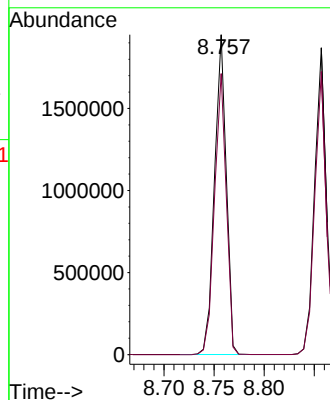
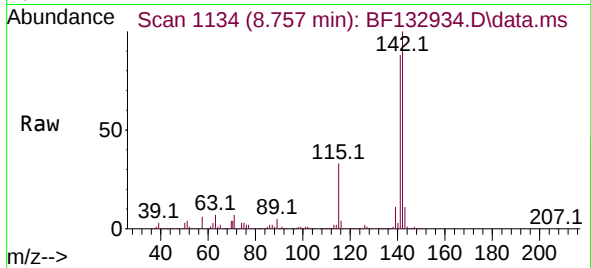
141 87.8 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/21/2023

Supervised By :Jagrut Upadhyay 04/21/2023



#38

1-Methylnaphthalene

Concen: 36.701 ng

RT: 8.857 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BF132934.D

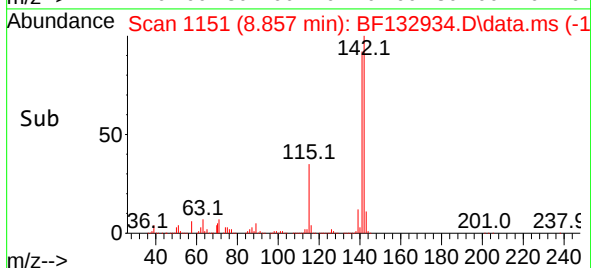
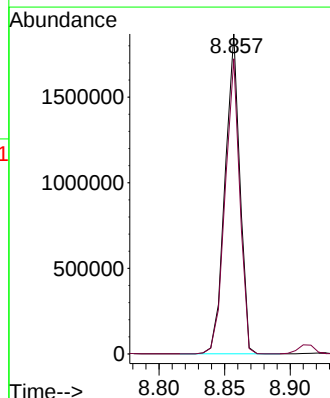
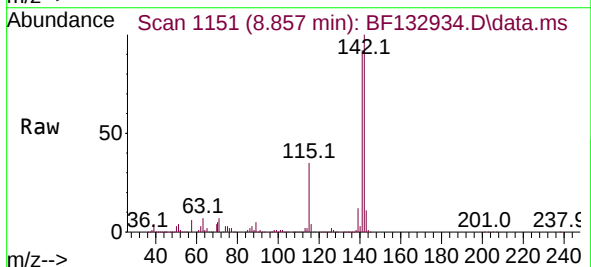
Acq: 20 Apr 2023 12:35

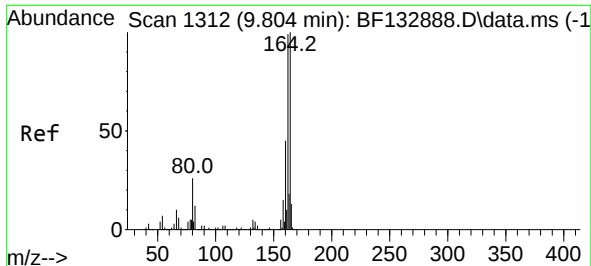
Tgt Ion:142 Resp: 1478605

Ion Ratio Lower Upper

142 100

141 92.2 72.6 109.0





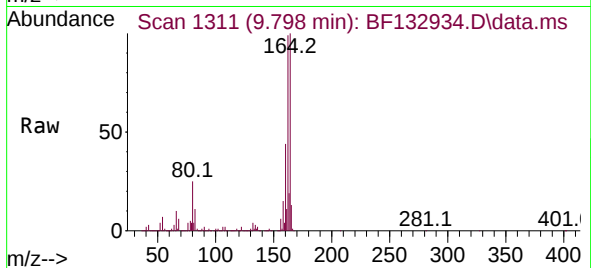
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

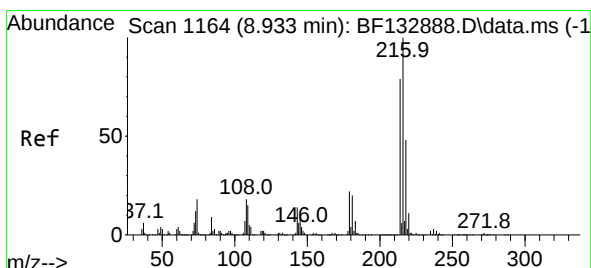
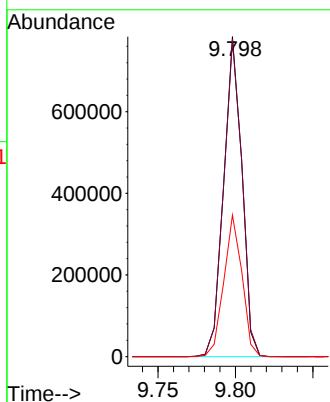
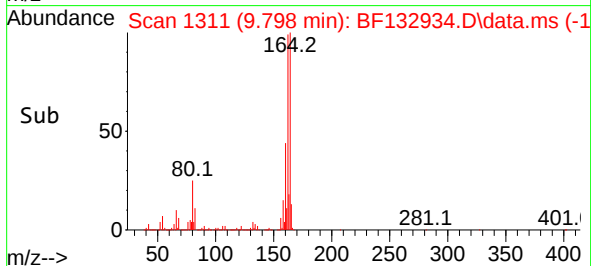


Tgt Ion:164 Resp: 640965
Ion Ratio Lower Upper
164 100
162 99.1 79.1 118.7
160 44.2 35.6 53.4

Manual Integrations

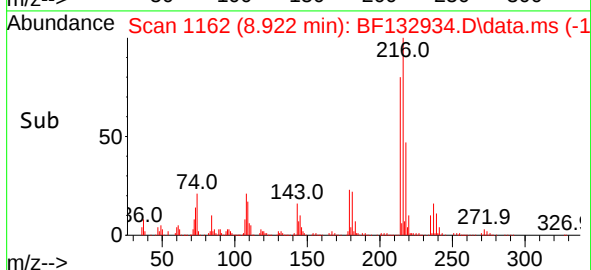
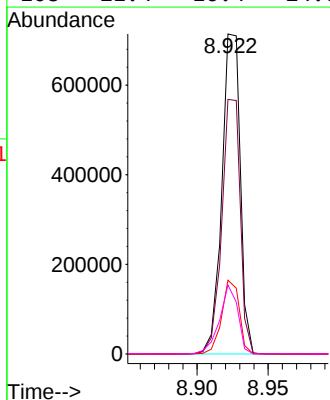
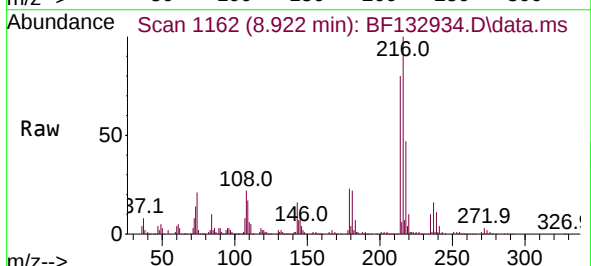
APPROVED

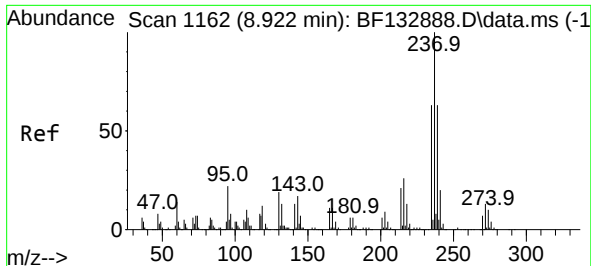
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.614 ng
RT: 8.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

Tgt Ion:216 Resp: 645669
Ion Ratio Lower Upper
216 100
214 79.5 63.1 94.7
179 21.9 17.4 26.2
108 21.4 16.4 24.6





#41
Hexachlorocyclopentadiene
Concen: 41.353 ng
RT: 8.916 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

Instrument :

BNA_F

ClientSampleId :

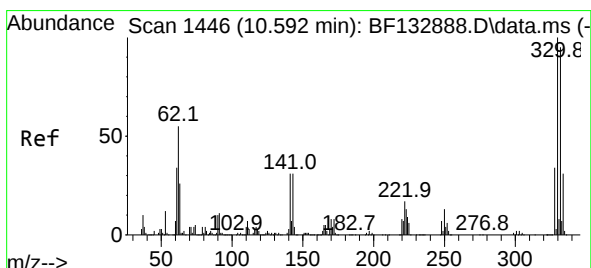
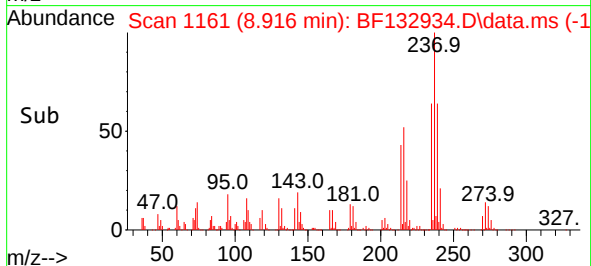
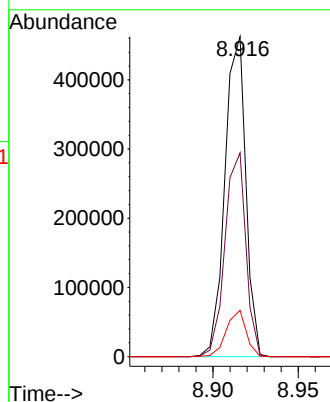
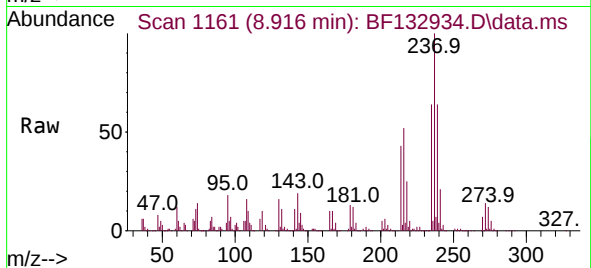
SSTDCCC040

Tgt Ion:237 Resp: 395159
Ion Ratio Lower Upper
237 100
235 63.7 43.2 83.2
272 14.5 0.0 32.8

Manual Integrations

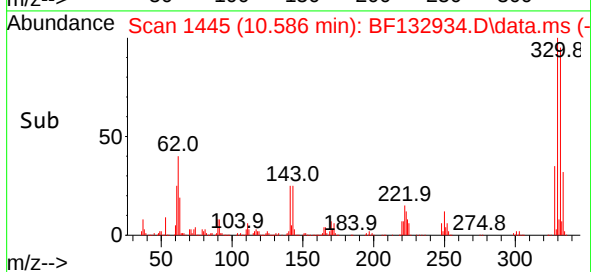
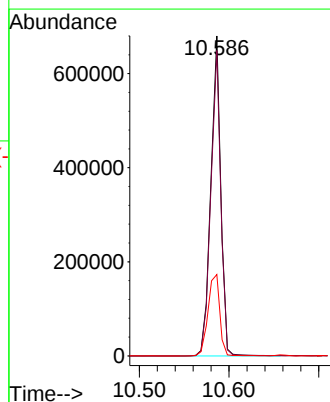
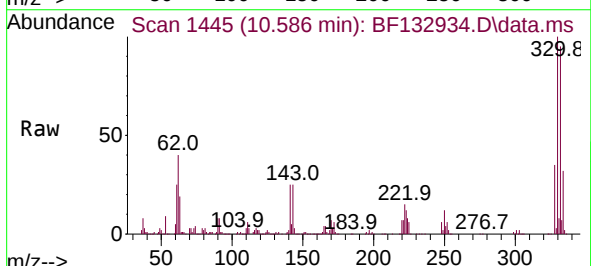
APPROVED

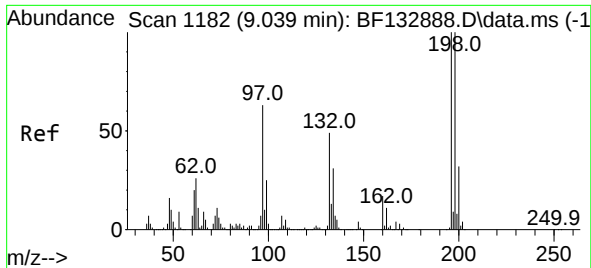
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#42
2,4,6-Tribromophenol
Concen: 81.513 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

Tgt Ion:330 Resp: 524039
Ion Ratio Lower Upper
330 100
332 95.7 76.3 114.5
141 30.1 23.9 35.9





#43
2,4,6-Trichlorophenol
Concen: 39.377 ng
RT: 9.033 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

Instrument :

BNA_F

ClientSampleId :

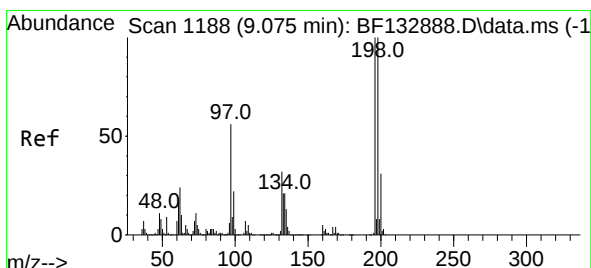
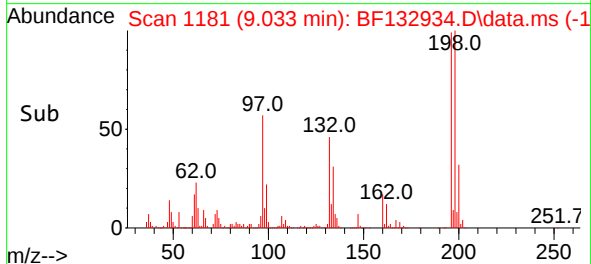
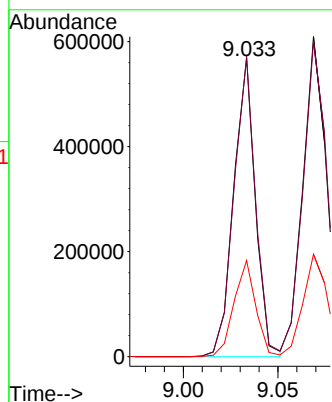
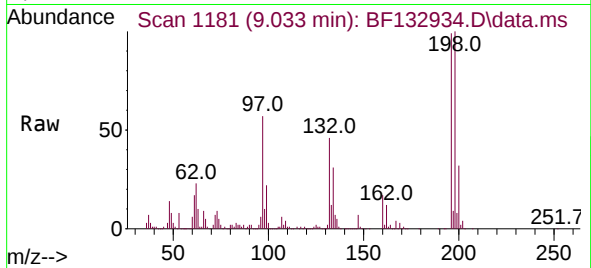
SSTDCCC040

Tgt Ion:196 Resp: 452535
Ion Ratio Lower Upper
196 100
198 100.5 79.8 119.6
200 32.2 25.4 38.2

Manual Integrations

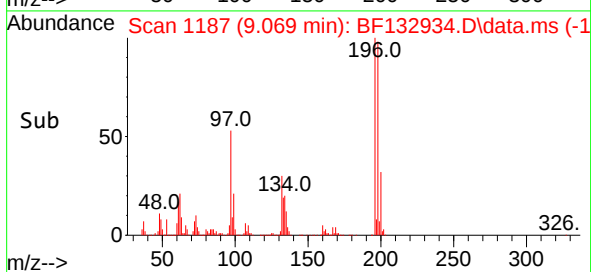
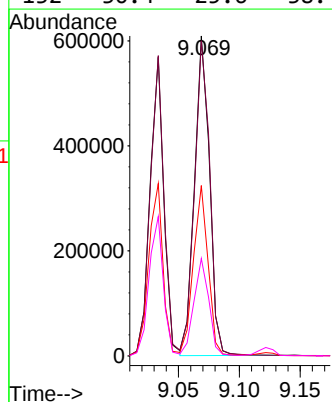
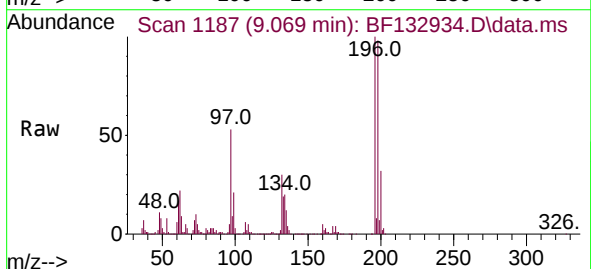
APPROVED

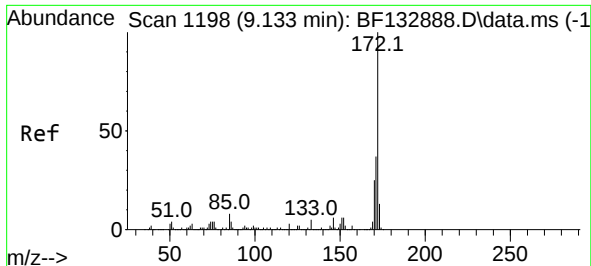
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#44
2,4,5-Trichlorophenol
Concen: 39.000 ng
RT: 9.069 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

Tgt Ion:196 Resp: 524097
Ion Ratio Lower Upper
196 100
198 98.5 80.2 120.2
97 53.2 45.0 67.6
132 30.4 25.6 38.4





#45

2-Fluorobiphenyl

Concen: 69.923 ng

RT: 9.122 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BF132934.D

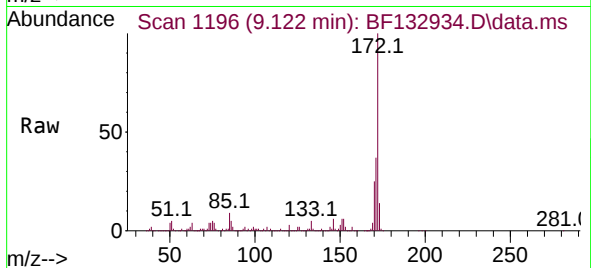
Acq: 20 Apr 2023 12:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:172 Resp: 2917420

Ion Ratio Lower Upper

172 100

171 37.2 29.4 44.0

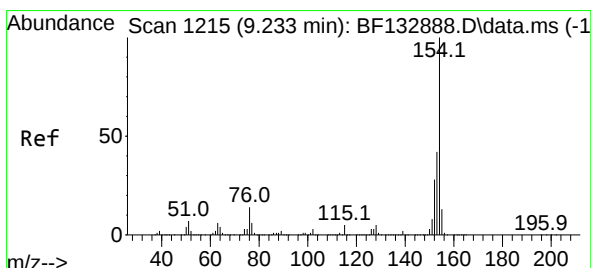
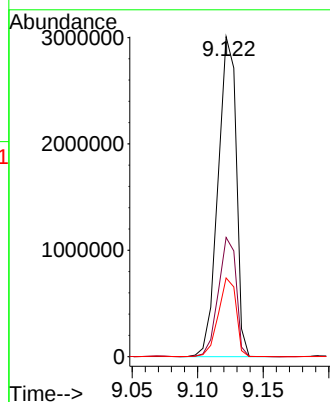
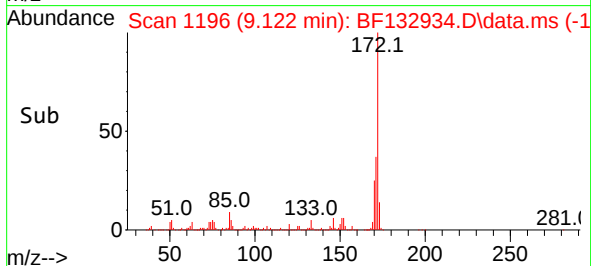
170 24.6 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/21/2023

Supervised By :Jagrut Upadhyay 04/21/2023



#46

1,1'-Biphenyl

Concen: 35.955 ng

RT: 9.222 min Scan# 1213

Delta R.T. 0.000 min

Lab File: BF132934.D

Acq: 20 Apr 2023 12:35

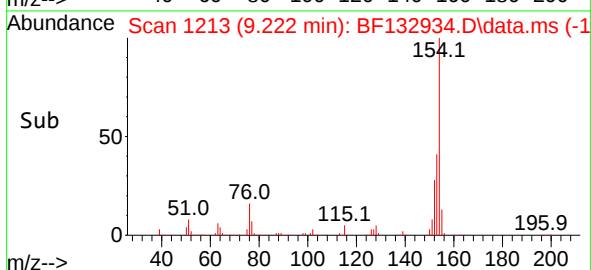
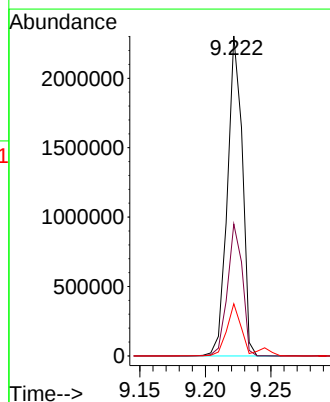
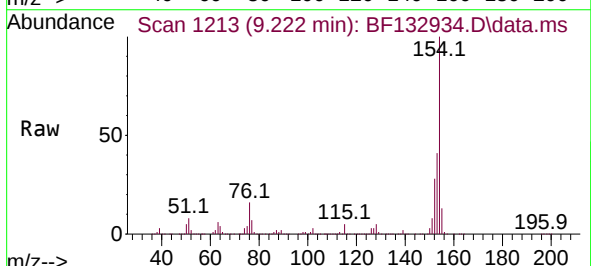
Tgt Ion:154 Resp: 1826927

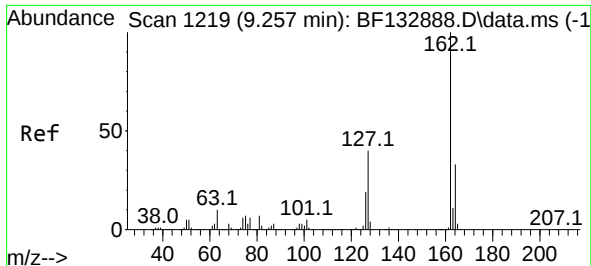
Ion Ratio Lower Upper

154 100

153 41.2 21.8 61.8

76 16.3 0.0 34.0





#47

2-Chloronaphthalene

Concen: 36.429 ng

RT: 9.245 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF132934.D

Acq: 20 Apr 2023 12:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 136979

Ion Ratio Lower Upper

162 100

127 42.2 32.2 48.2

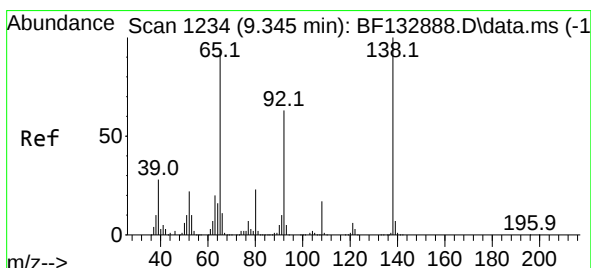
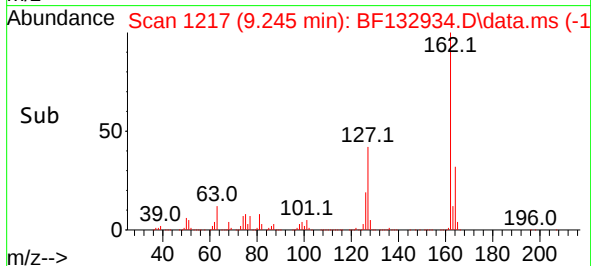
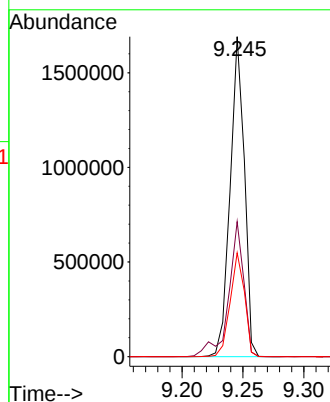
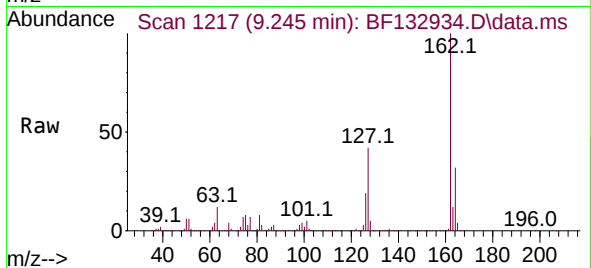
164 32.4 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/21/2023

Supervised By :Jagrut Upadhyay 04/21/2023



#48

2-Nitroaniline

Concen: 45.686 ng

RT: 9.339 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BF132934.D

Acq: 20 Apr 2023 12:35

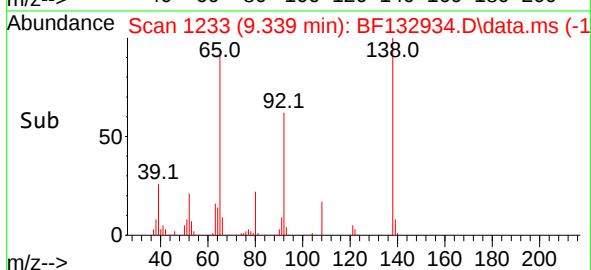
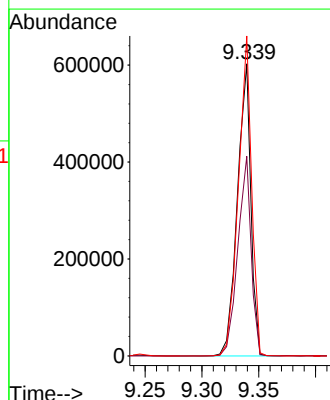
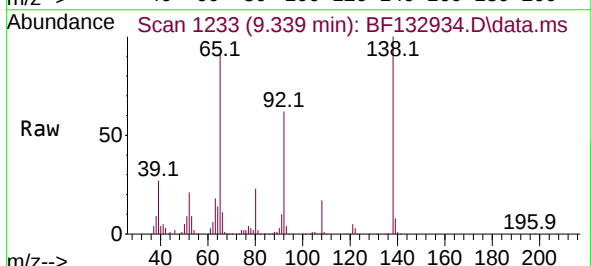
Tgt Ion: 65 Resp: 496962

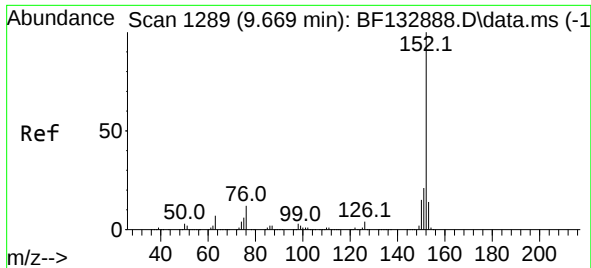
Ion Ratio Lower Upper

65 100

92 68.3 53.5 80.3

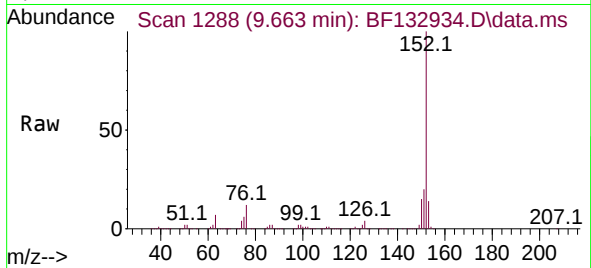
138 109.6 84.8 127.2





#49
Acenaphthylene
Concen: 36.559 ng
RT: 9.663 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

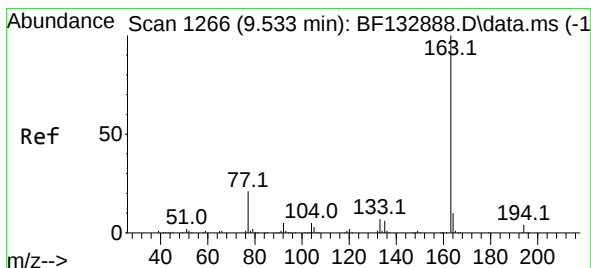
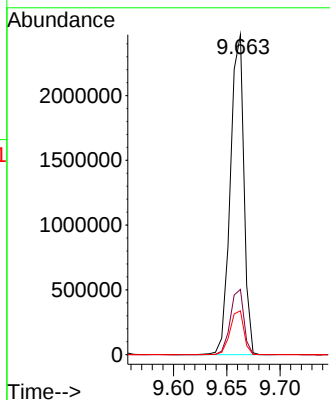
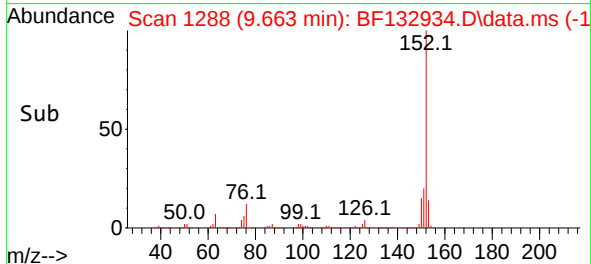
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



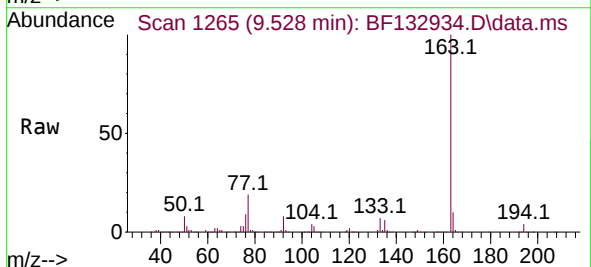
Tgt Ion:152 Resp: 2192539
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.7 11.4 17.0

Manual Integrations
APPROVED

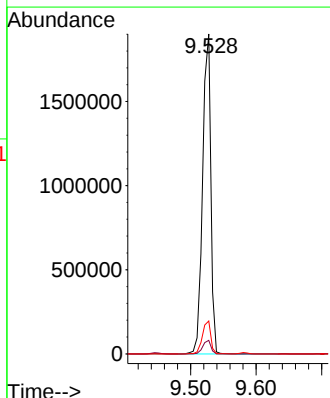
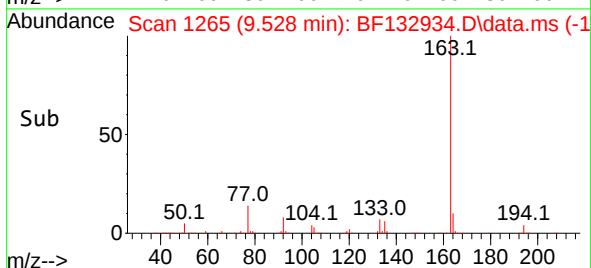
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023

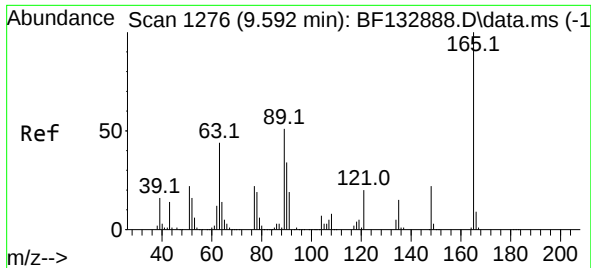


#50
Dimethylphthalate
Concen: 36.870 ng
RT: 9.528 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35



Tgt Ion:163 Resp: 1633864
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.3 8.3 12.5





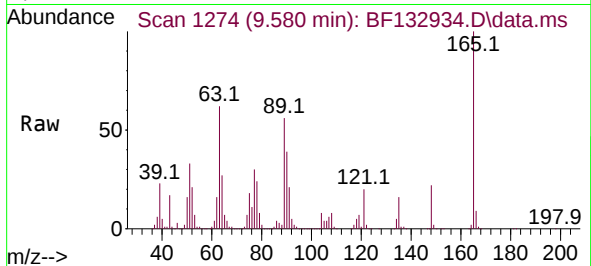
#51
2,6-Dinitrotoluene
Concen: 39.752 ng
RT: 9.580 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

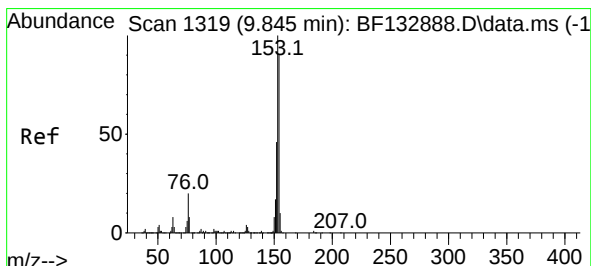
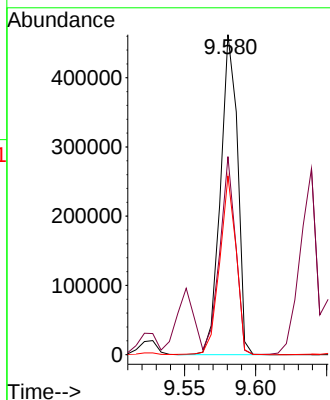
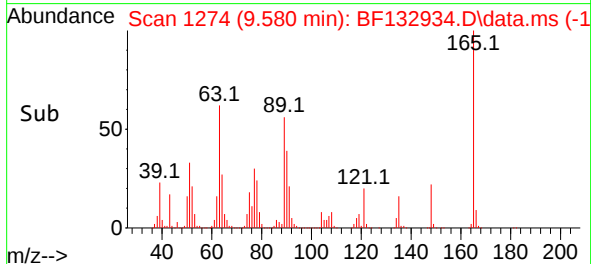


Tgt Ion:165 Resp: 386219
Ion Ratio Lower Upper
165 100
63 61.9 42.6 63.8
89 55.8 41.0 61.4

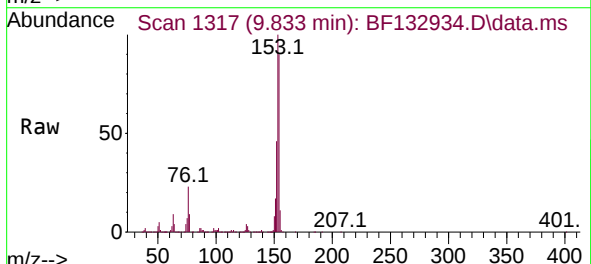
Manual Integrations

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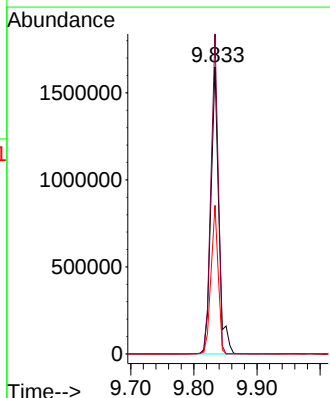
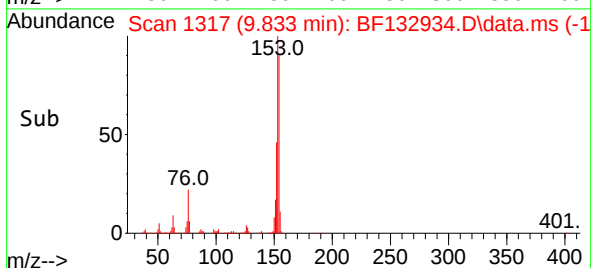
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023

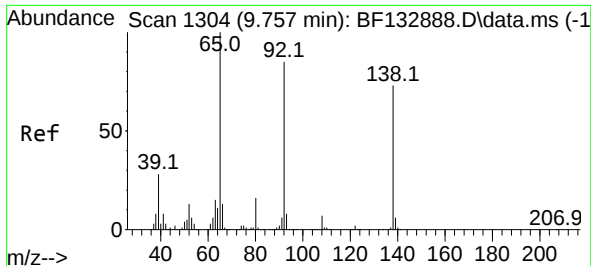


#52
Acenaphthene
Concen: 37.144 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35



Tgt Ion:154 Resp: 1435502
Ion Ratio Lower Upper
154 100
153 111.5 88.8 133.2
152 51.8 41.2 61.8





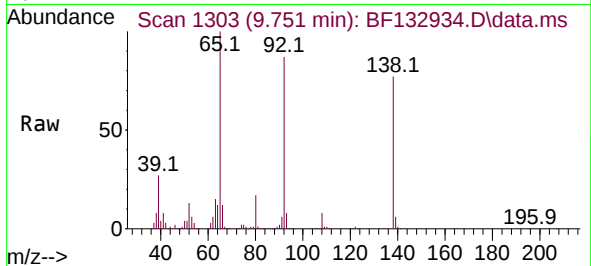
#53
3-Nitroaniline
Concen: 41.101 ng
RT: 9.751 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

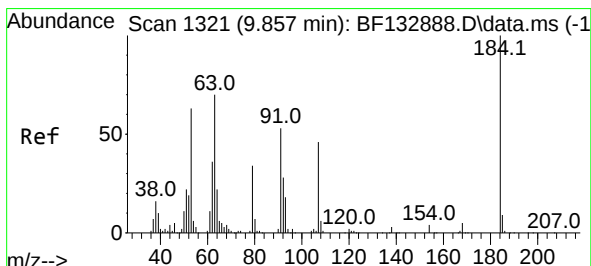
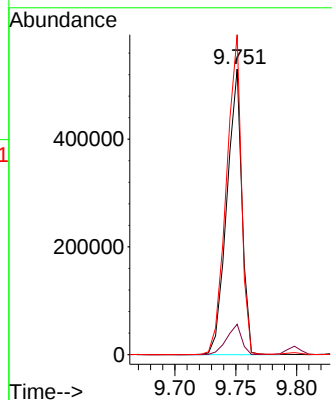
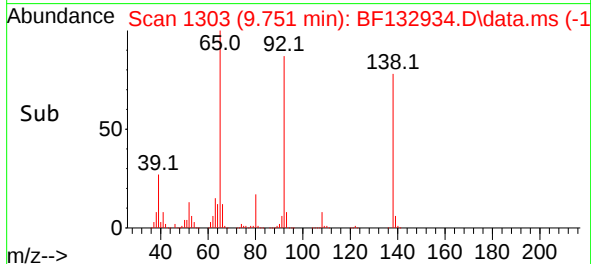


Tgt Ion:138 Resp: 454413
Ion Ratio Lower Upper
138 100
108 10.6 8.2 12.2
92 112.1 93.8 140.8

Manual Integrations

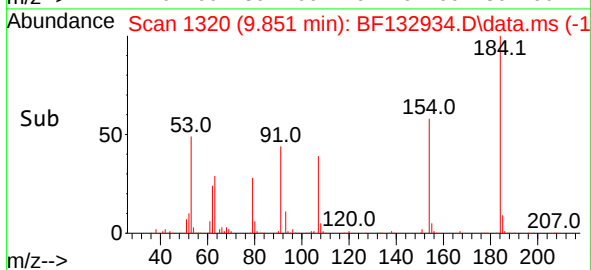
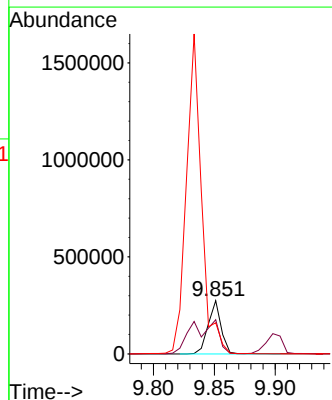
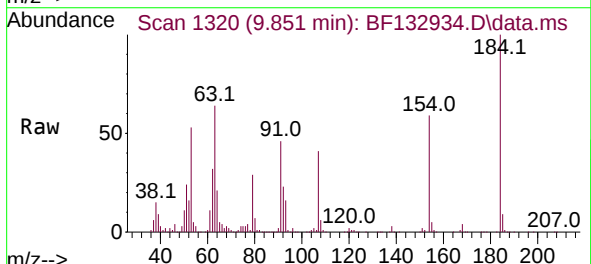
APPROVED

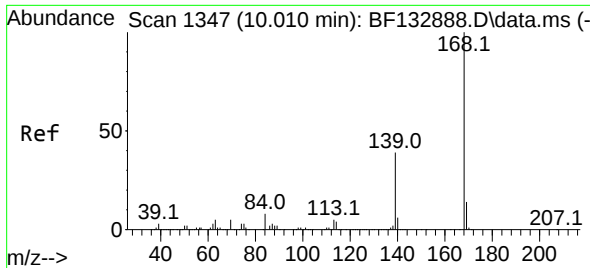
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#54
2,4-Dinitrophenol
Concen: 53.684 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

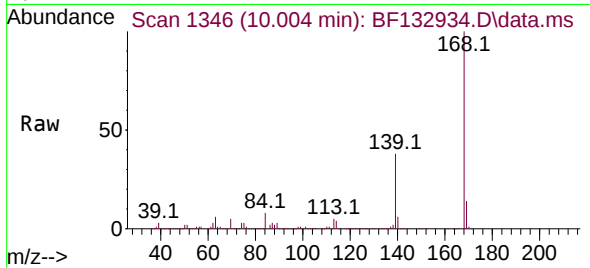
Tgt Ion:184 Resp: 203183
Ion Ratio Lower Upper
184 100
63 64.2 62.7 94.1
154 58.6 49.9 74.9





#55
Dibenzenofuran
Concen: 36.340 ng
RT: 10.004 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

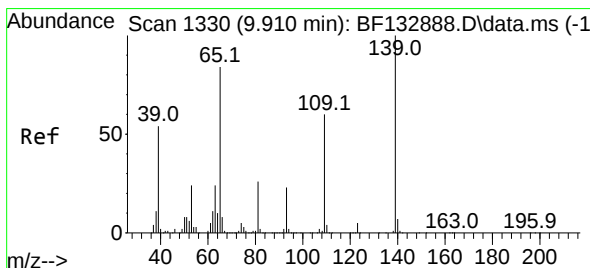
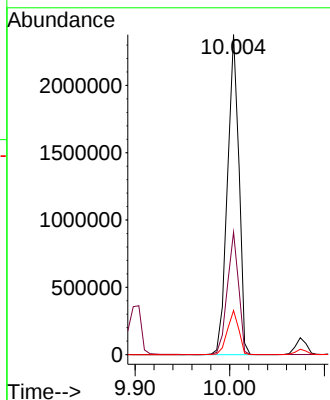
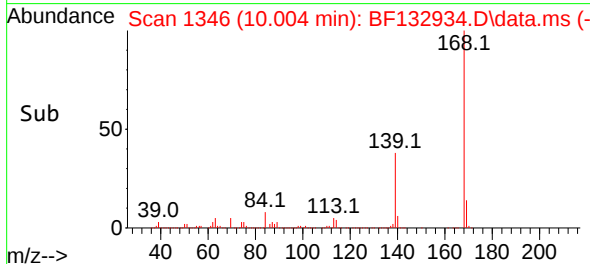
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 1992565
Ion Ratio Lower Upper
168 100
139 38.3 31.4 47.0
169 13.8 11.2 16.8

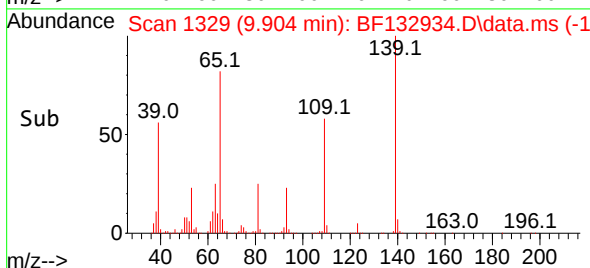
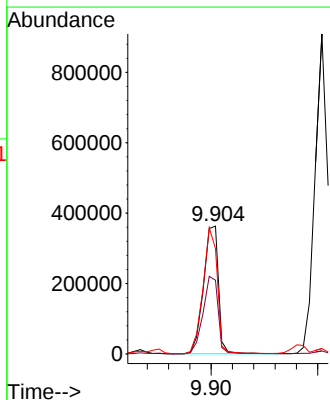
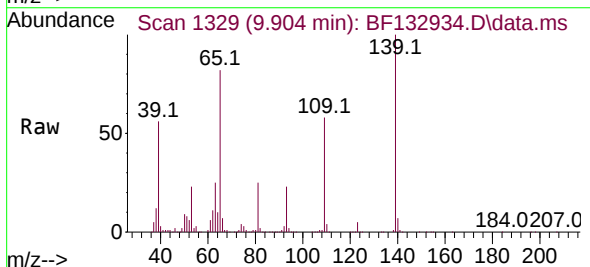
Manual Integrations
APPROVED

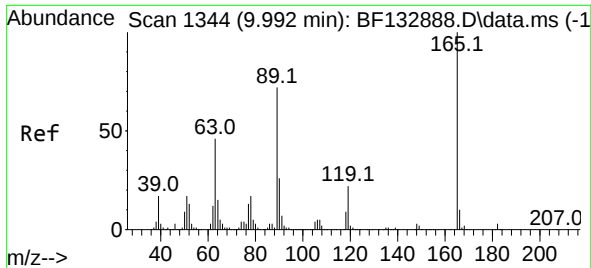
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#56
4-Nitrophenol
Concen: 42.964 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

Tgt Ion:139 Resp: 352860
Ion Ratio Lower Upper
139 100
109 57.7 40.4 80.4
65 82.3 64.2 104.2





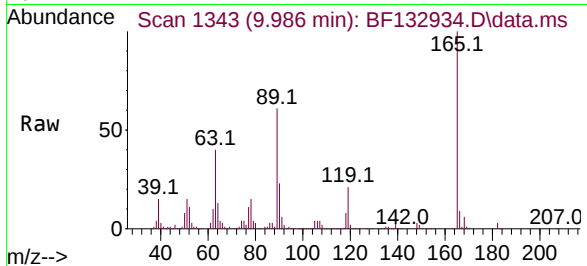
#57
2,4-Dinitrotoluene
Concen: 42.546 ng
RT: 9.986 min Scan# 1344
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

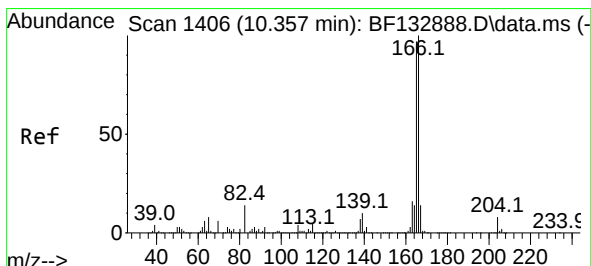
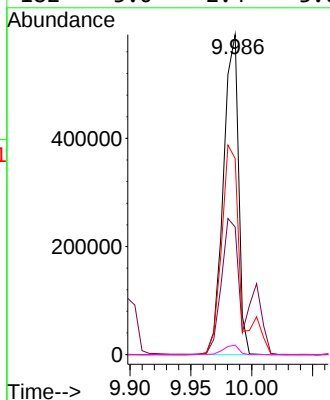
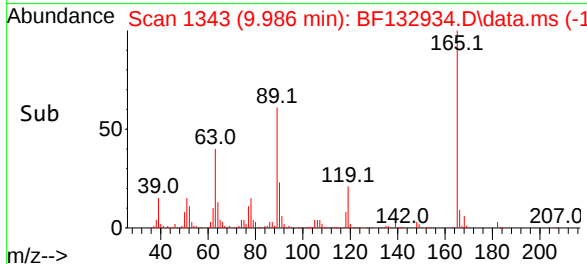


Tgt Ion:165 Resp: 510178
Ion Ratio Lower Upper
165 100
63 39.9 37.0 55.6
89 61.3 57.8 86.6
182 3.0 2.4 3.6

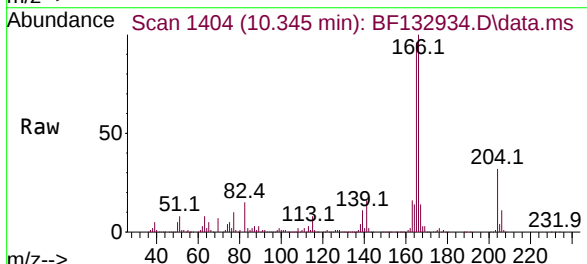
Manual Integrations

APPROVED

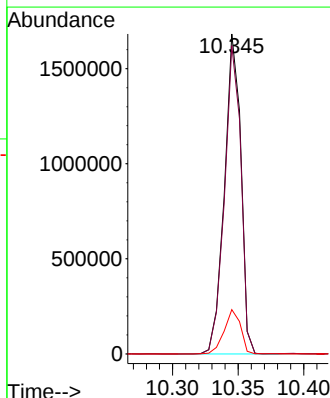
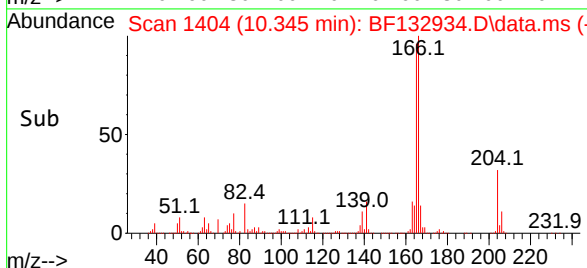
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023

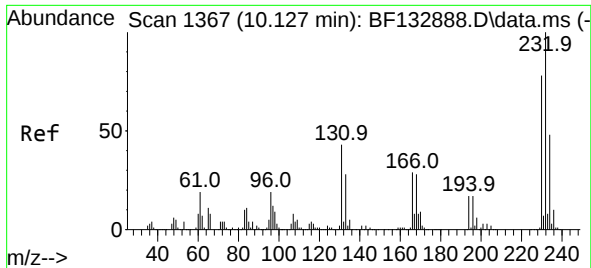


#58
Fluorene
Concen: 36.564 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35



Tgt Ion:166 Resp: 1468592
Ion Ratio Lower Upper
166 100
165 96.3 78.0 117.0
167 13.9 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.449 ng
RT: 10.122 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

Instrument :

BNA_F

ClientSampleId :

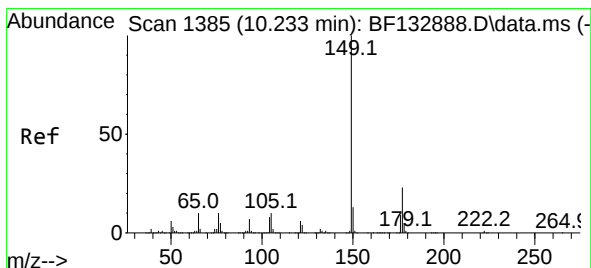
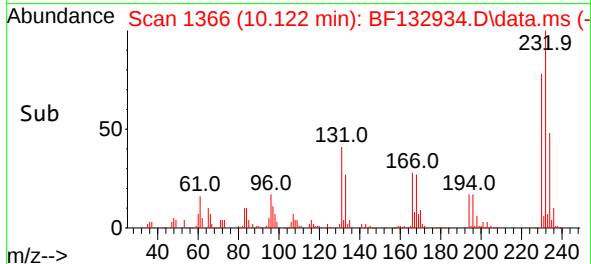
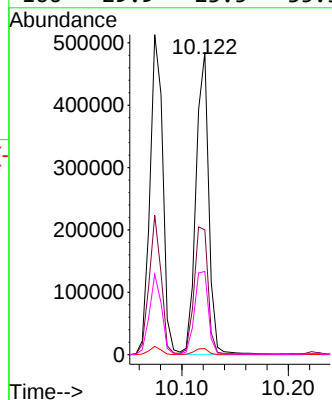
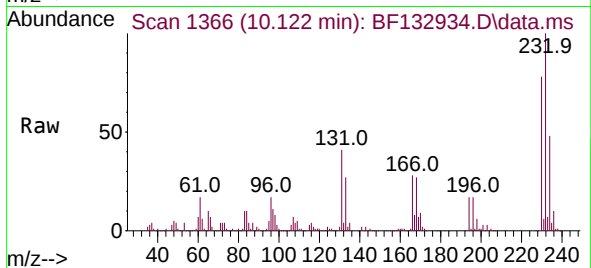
SSTDCCC040

Tgt Ion:232 Resp: 401013
Ion Ratio Lower Upper
232 100
131 46.4 35.9 53.9
130 2.2 1.8 2.8
166 29.9 23.5 35.3

Manual Integrations

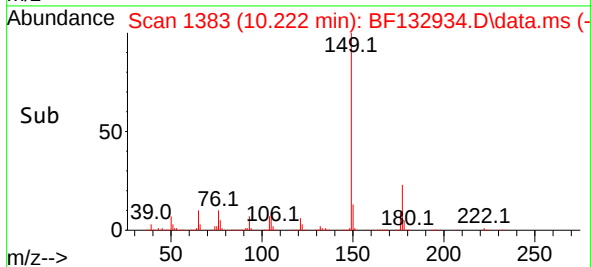
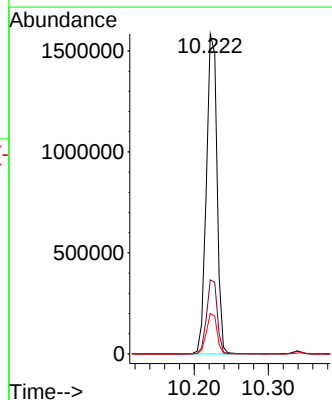
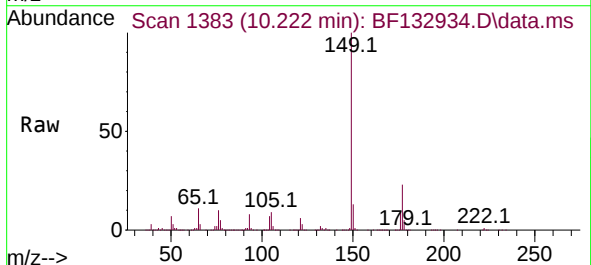
APPROVED

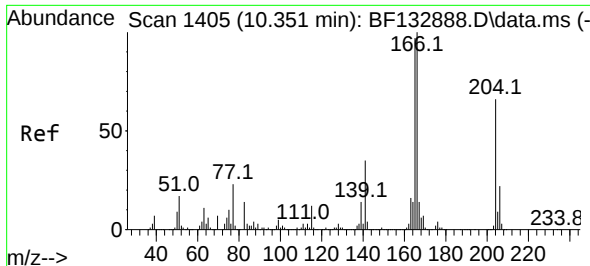
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#60
Diethylphthalate
Concen: 37.876 ng
RT: 10.222 min Scan# 1383
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

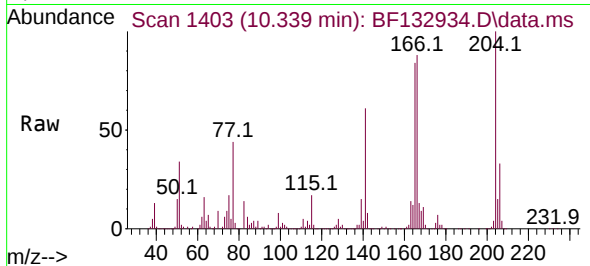
Tgt Ion:149 Resp: 1568402
Ion Ratio Lower Upper
149 100
177 23.1 18.5 27.7
150 12.6 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 35.748 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

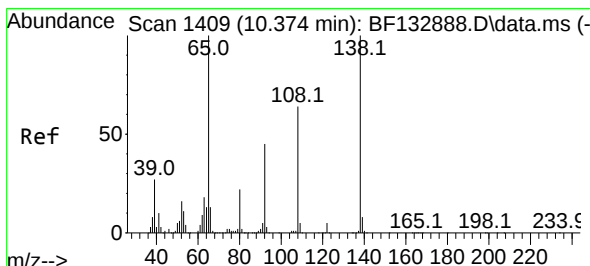
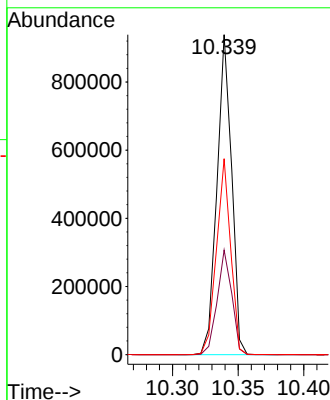
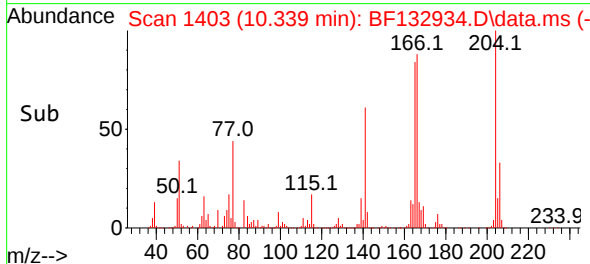
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 204 Resp: 730316
Ion Ratio Lower Upper
204 100
206 32.7 26.6 40.0
141 61.2 43.1 64.7

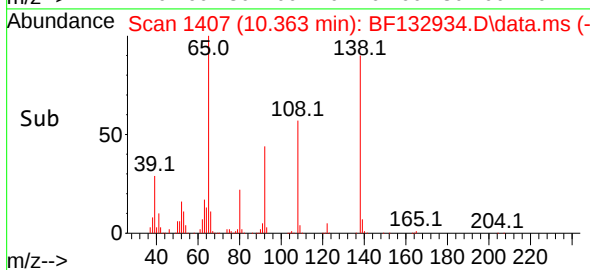
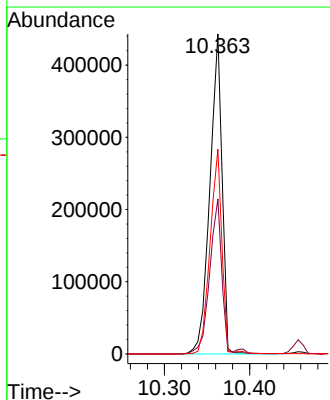
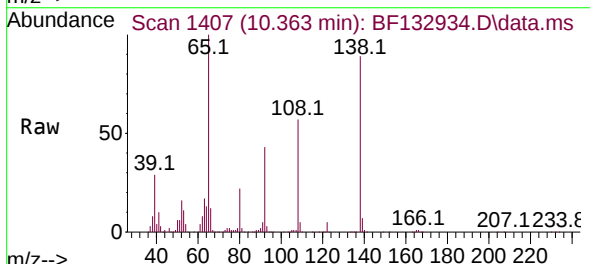
Manual Integrations
APPROVED

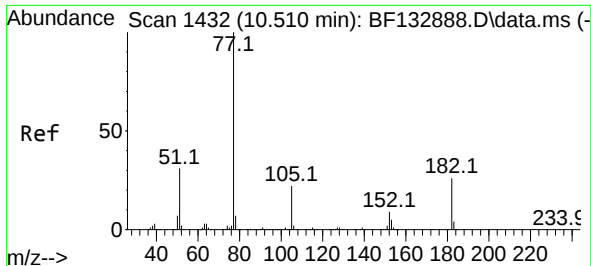
Reviewed By : Christian Giraldo 04/21/2023
Supervised By : Jagrut Upadhyay 04/21/2023



#62
4-Nitroaniline
Concen: 41.445 ng
RT: 10.363 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

Tgt Ion: 138 Resp: 440422
Ion Ratio Lower Upper
138 100
92 48.4 25.0 65.0
108 64.0 44.2 84.2





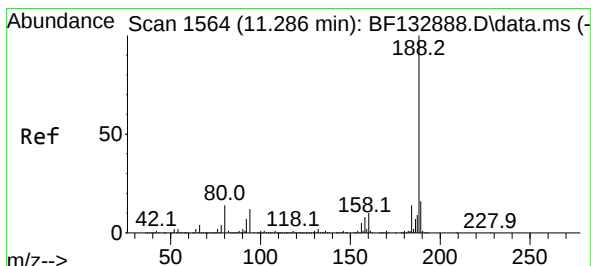
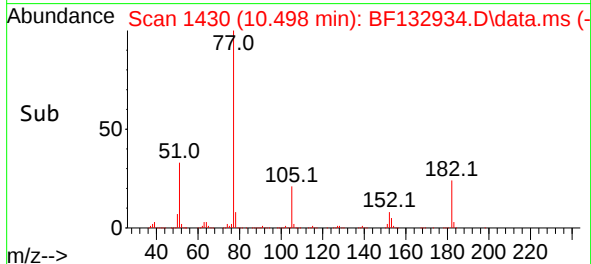
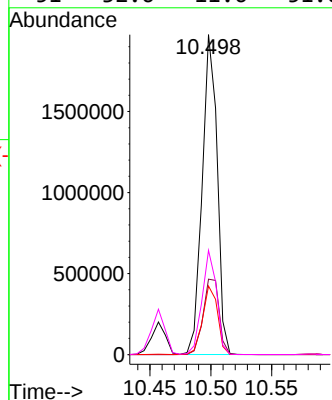
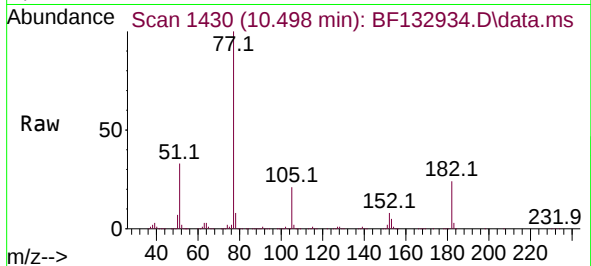
#63
Azobenzene
Concen: 36.572 ng
RT: 10.498 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 1691637
Ion Ratio Lower Upper
77 100
182 23.6 6.0 46.0
105 21.4 1.6 41.6
51 32.6 11.6 51.6

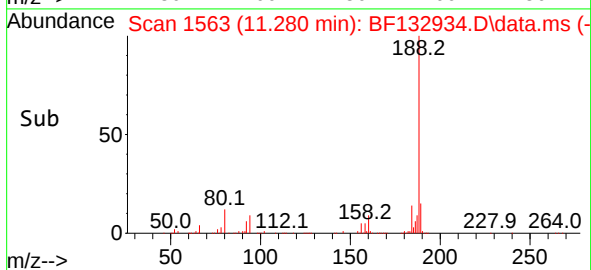
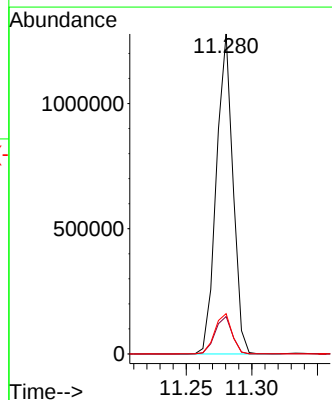
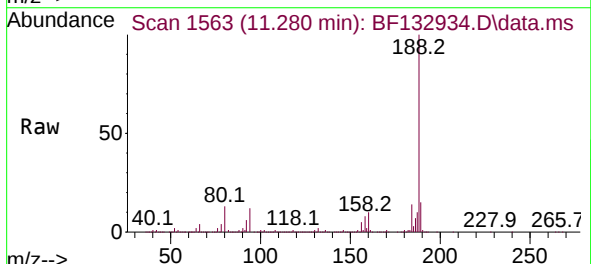
Manual Integrations
APPROVED

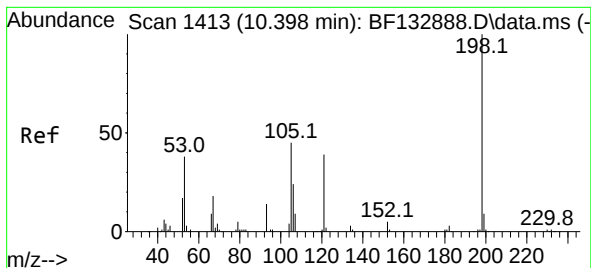
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 1563
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

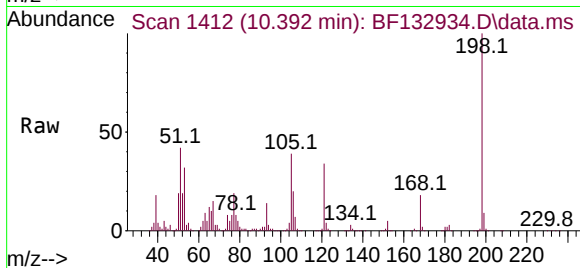
Tgt Ion:188 Resp: 1124654
Ion Ratio Lower Upper
188 100
94 11.7 9.9 14.9
80 12.6 10.8 16.2





#65
4,6-Dinitro-2-methylphenol
Concen: 51.380 ng
RT: 10.392 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

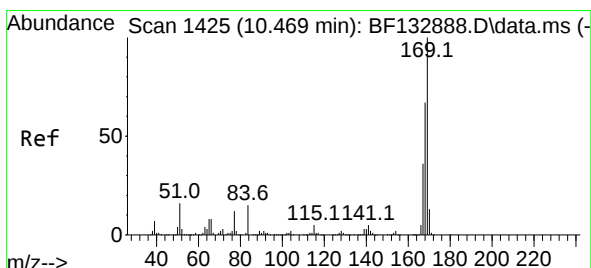
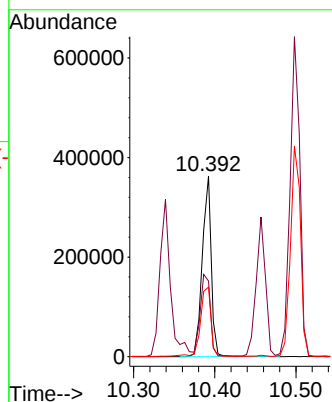
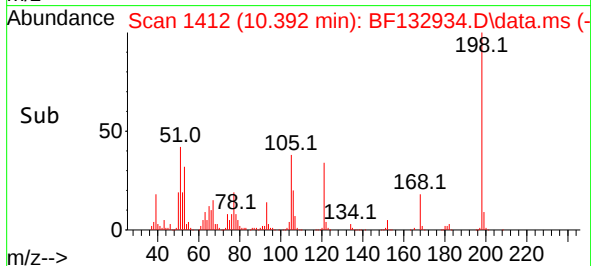
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



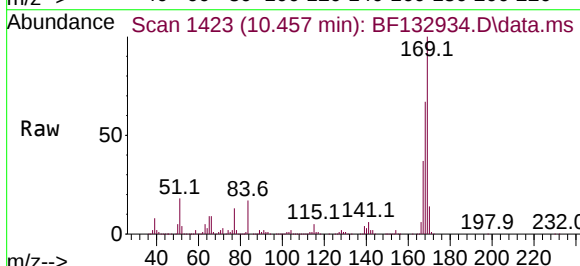
Tgt Ion:198 Resp: 276740
Ion Ratio Lower Upper
198 100
51 41.9 34.6 74.6
105 38.5 25.6 65.6

Manual Integrations
APPROVED

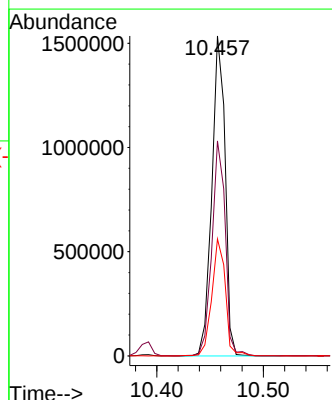
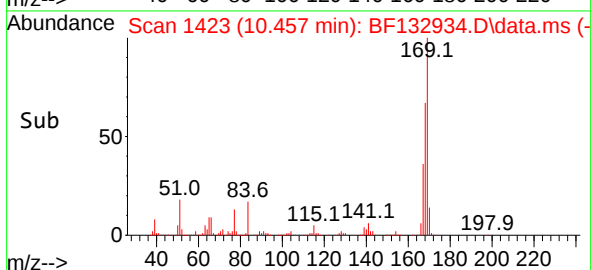
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023

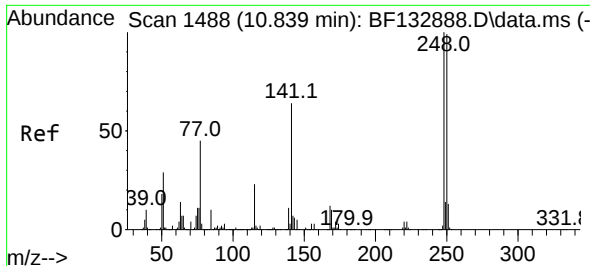


#66
n-Nitrosodiphenylamine
Concen: 36.286 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35



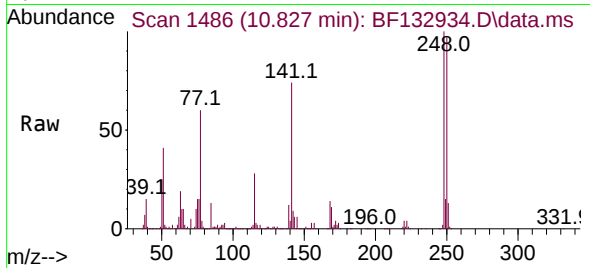
Tgt Ion:169 Resp: 1329094
Ion Ratio Lower Upper
169 100
168 67.2 53.4 80.0
167 36.5 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 36.117 ng
RT: 10.827 min Scan# 1486
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

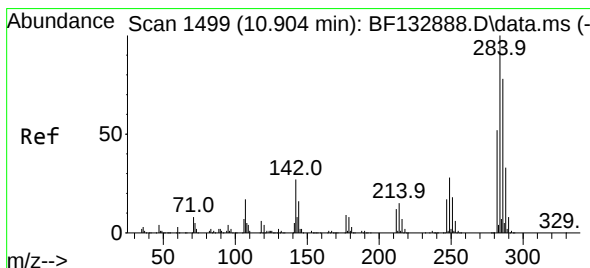
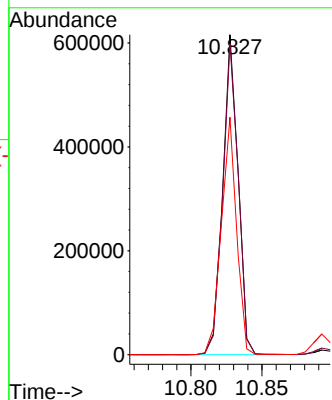
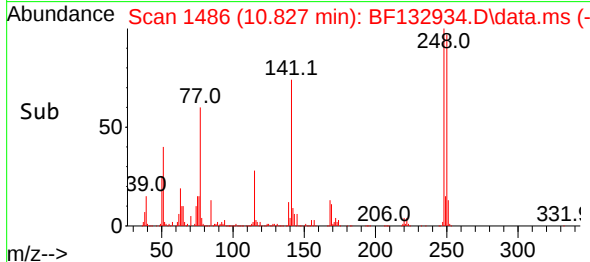
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:248 Resp: 463836
Ion Ratio Lower Upper
248 100
250 97.1 79.1 118.7
141 74.2 51.0 76.6

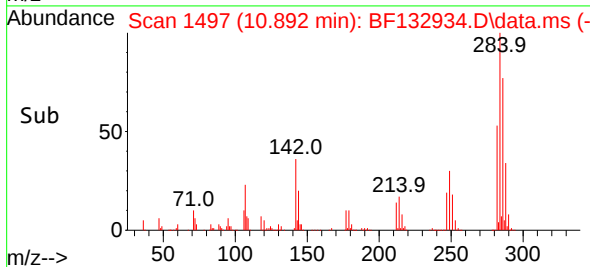
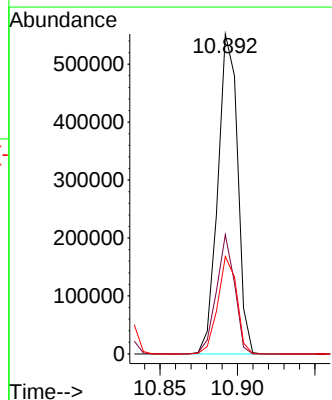
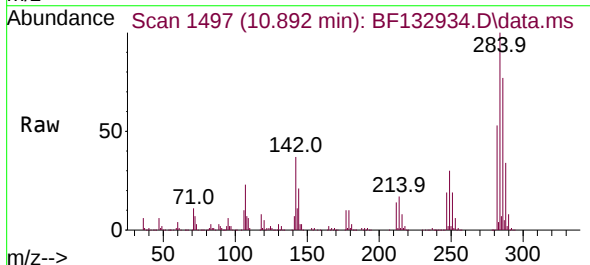
Manual Integrations
APPROVED

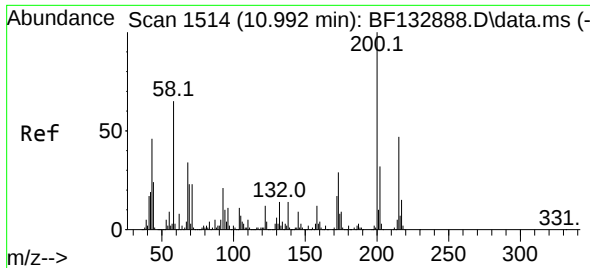
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#68
Hexachlorobenzene
Concen: 36.915 ng
RT: 10.892 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

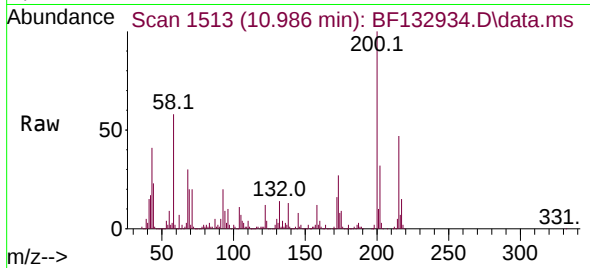
Tgt Ion:284 Resp: 491839
Ion Ratio Lower Upper
284 100
142 37.2 22.0 33.0#
249 30.4 22.6 34.0





#69
 Atrazine
 Concen: 40.176 ng
 RT: 10.986 min Scan# 1513
 Delta R.T. 0.000 min
 Lab File: BF132934.D
 Acq: 20 Apr 2023 12:35

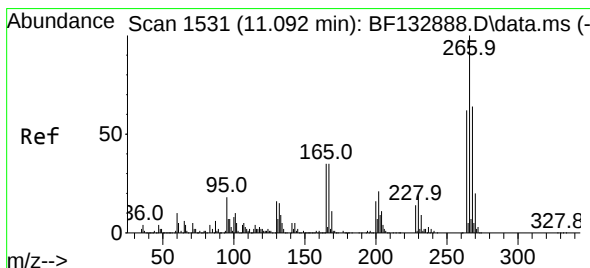
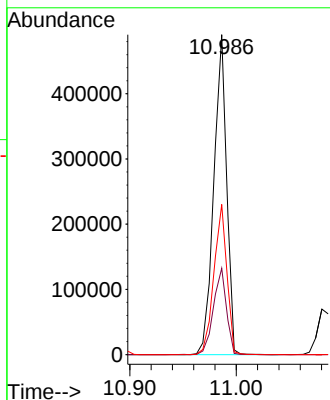
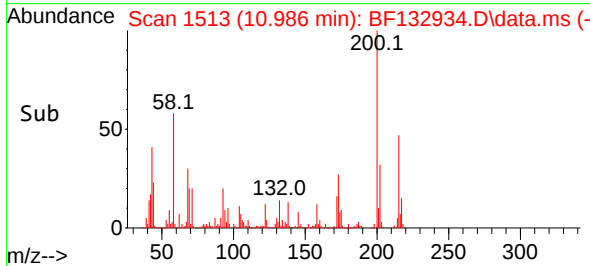
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



Tgt Ion:200 Resp: 411313
 Ion Ratio Lower Upper
 200 100
 173 27.0 8.7 48.7
 215 46.9 27.2 67.2

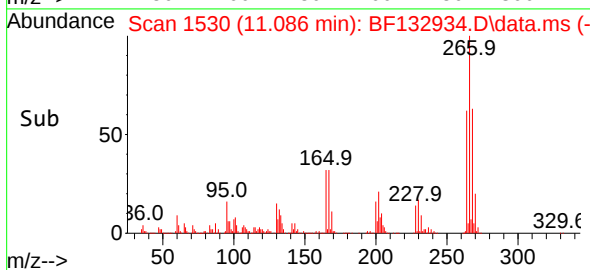
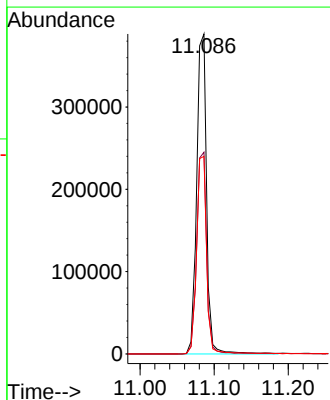
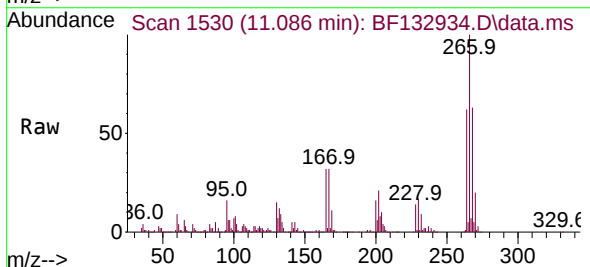
Manual Integrations
 APPROVED

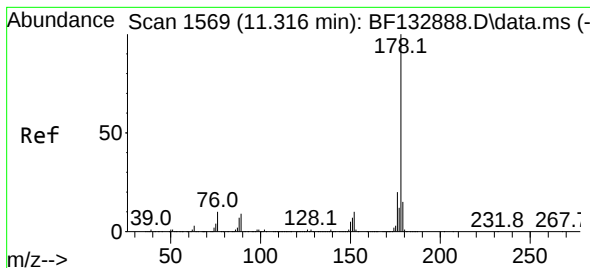
Reviewed By :Christian Giraldo 04/21/2023
 Supervised By :Jagrut Upadhyay 04/21/2023



#70
 Pentachlorophenol
 Concen: 42.123 ng
 RT: 11.086 min Scan# 1530
 Delta R.T. 0.000 min
 Lab File: BF132934.D
 Acq: 20 Apr 2023 12:35

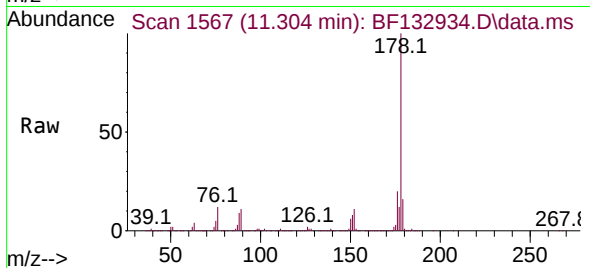
Tgt Ion:266 Resp: 362164
 Ion Ratio Lower Upper
 266 100
 268 63.0 50.9 76.3
 264 61.7 49.8 74.6





#71
Phenanthrene
Concen: 35.986 ng
RT: 11.304 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

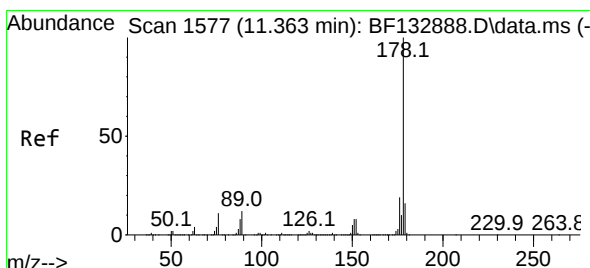
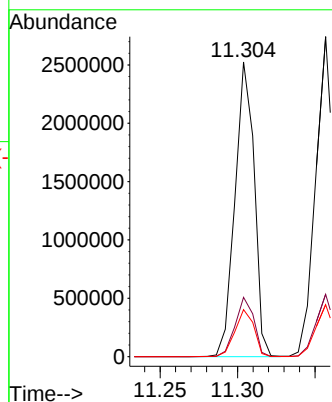
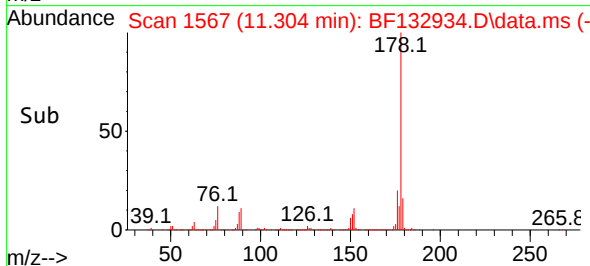
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



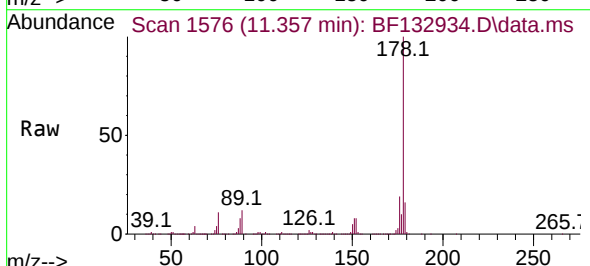
Tgt Ion:178 Resp: 2176920
Ion Ratio Lower Upper
178 100
176 20.1 15.9 23.9
179 15.9 12.3 18.5

Manual Integrations
APPROVED

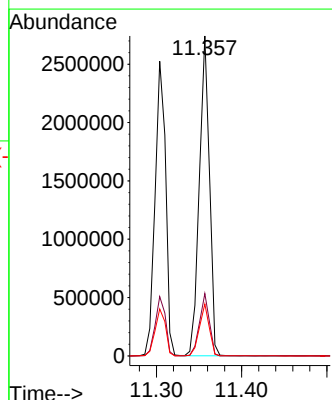
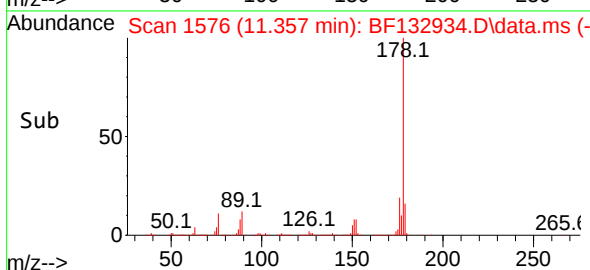
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023

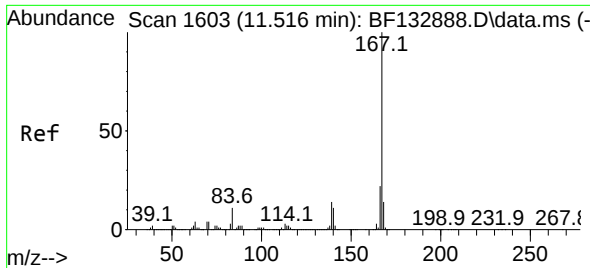


#72
Anthracene
Concen: 36.538 ng
RT: 11.357 min Scan# 1576
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35



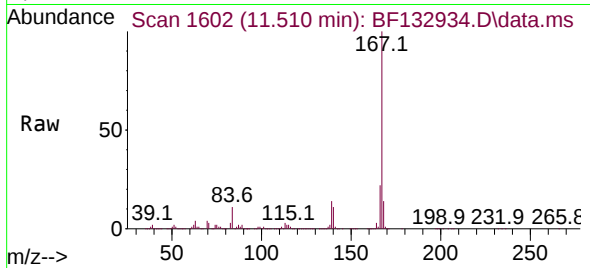
Tgt Ion:178 Resp: 2262678
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 16.2 12.8 19.2





#73
Carbazole
Concen: 37.768 ng
RT: 11.510 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

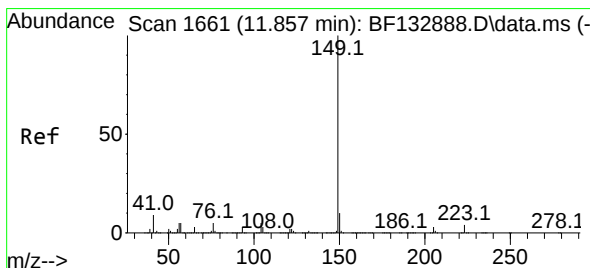
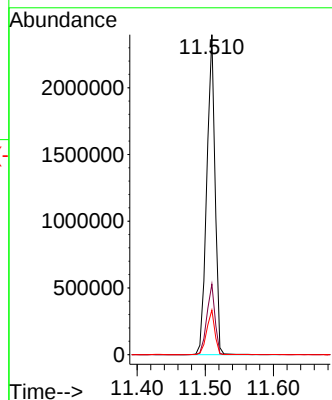
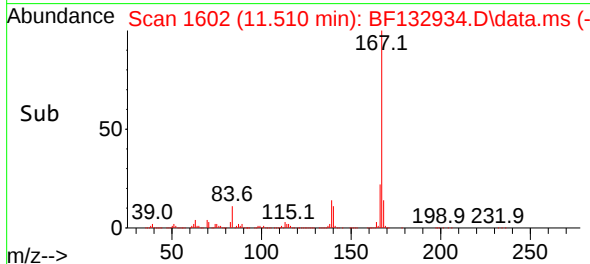
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



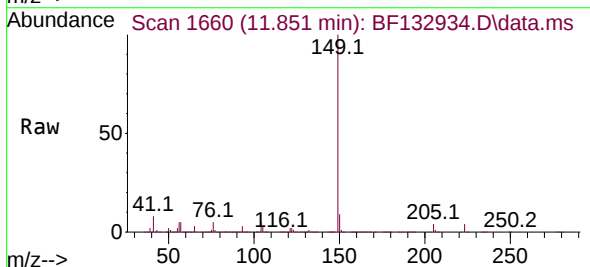
Tgt Ion:167 Resp: 2023728
Ion Ratio Lower Upper
167 100
166 22.0 17.4 26.2
139 13.9 11.0 16.4

Manual Integrations
APPROVED

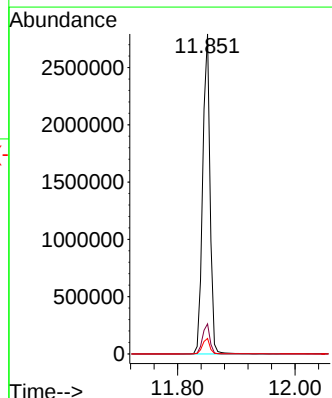
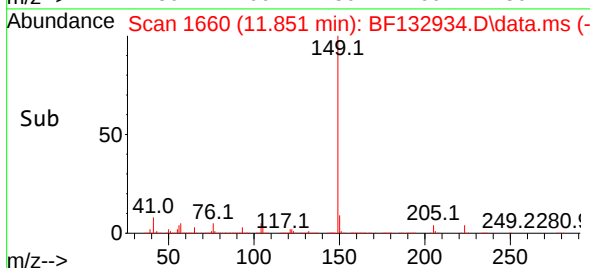
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023

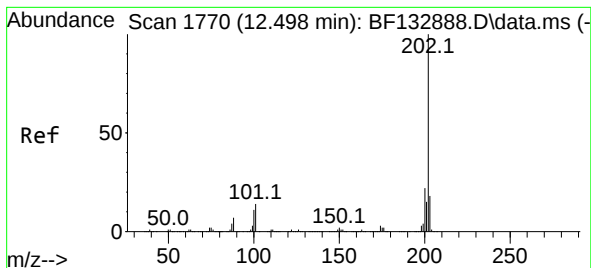


#74
Di-n-butylphthalate
Concen: 41.675 ng
RT: 11.851 min Scan# 1660
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35



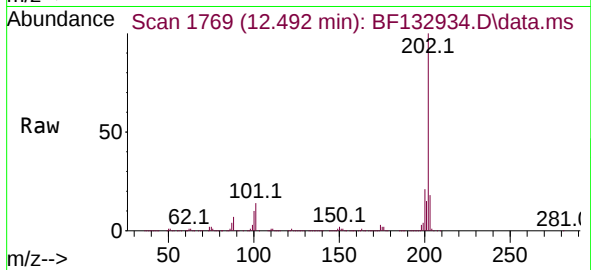
Tgt Ion:149 Resp: 2393829
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 4.8 4.2 6.2





#75
Fluoranthene
Concen: 37.391 ng
RT: 12.492 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

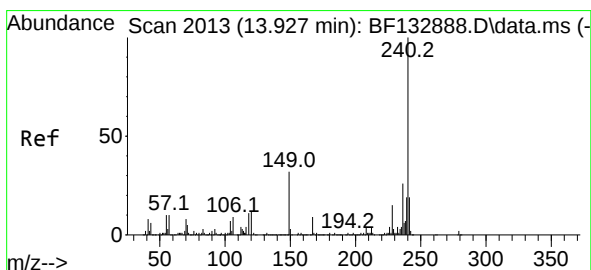
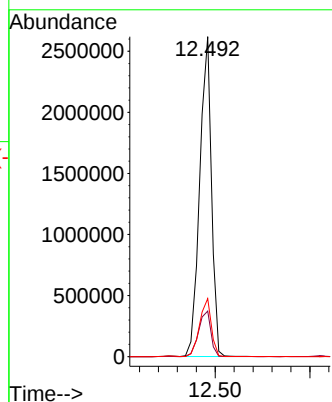
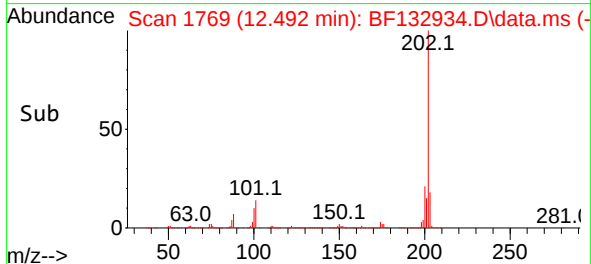
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 2249343
Ion Ratio Lower Upper
202 100
101 14.2 0.0 34.5
203 18.1 0.0 38.2

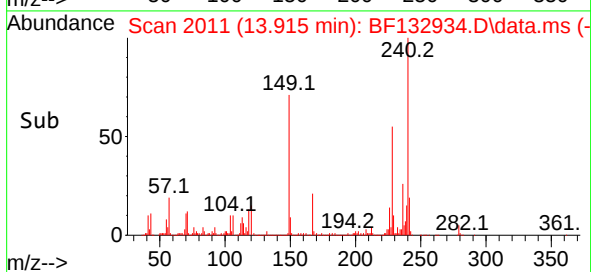
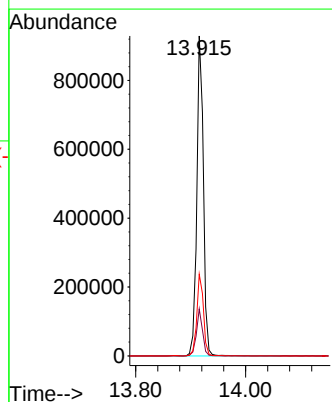
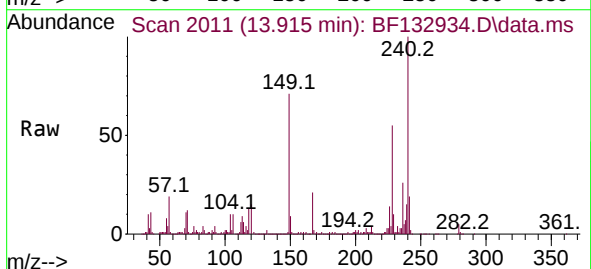
Manual Integrations
APPROVED

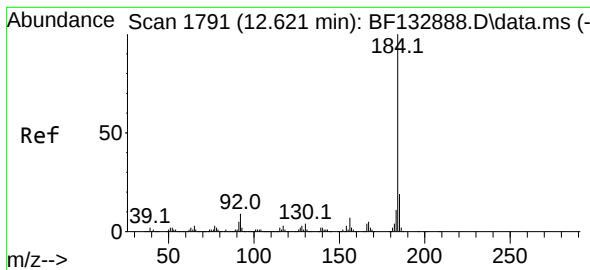
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.915 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

Tgt Ion:240 Resp: 773081
Ion Ratio Lower Upper
240 100
120 14.7 10.0 15.0
236 25.5 20.8 31.2





#77

Benzidine

Concen: 56.036 ng

RT: 12.610 min Scan# 1789

Delta R.T. 0.000 min

Lab File: BF132934.D

Acq: 20 Apr 2023 12:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:184 Resp: 674828

Ion Ratio Lower Upper

184 100

185 16.3 14.9 22.3

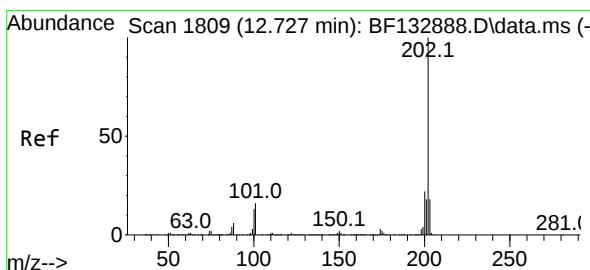
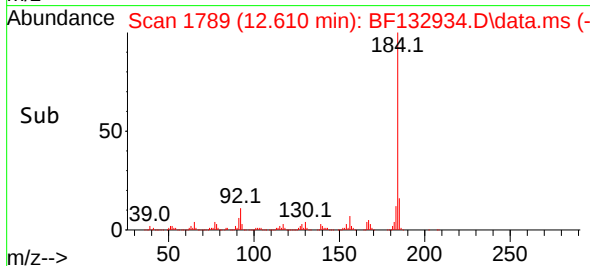
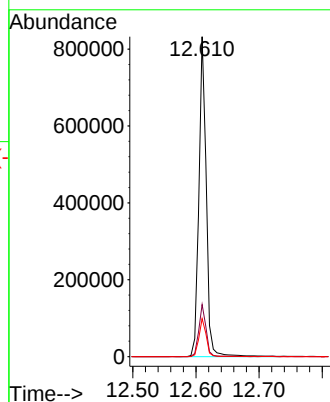
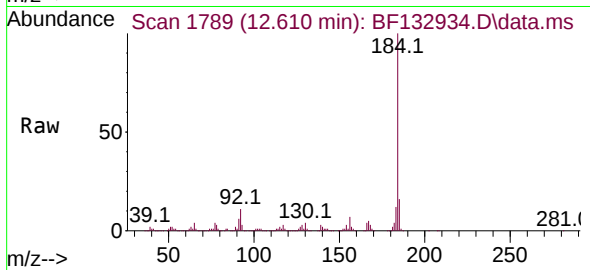
183 11.9 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/21/2023

Supervised By :Jagrut Upadhyay 04/21/2023



#78

Pyrene

Concen: 36.826 ng

RT: 12.721 min Scan# 1808

Delta R.T. 0.000 min

Lab File: BF132934.D

Acq: 20 Apr 2023 12:35

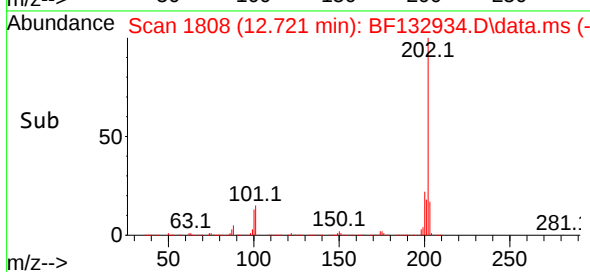
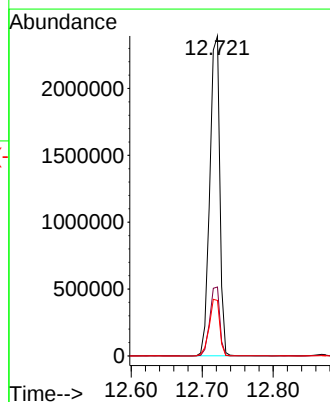
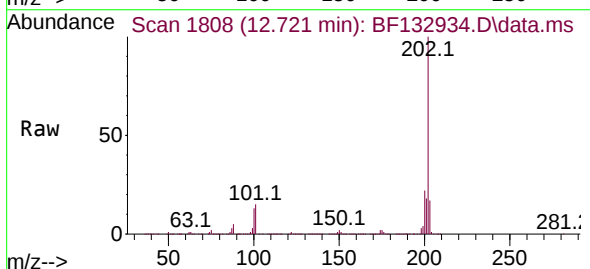
Tgt Ion:202 Resp: 2327908

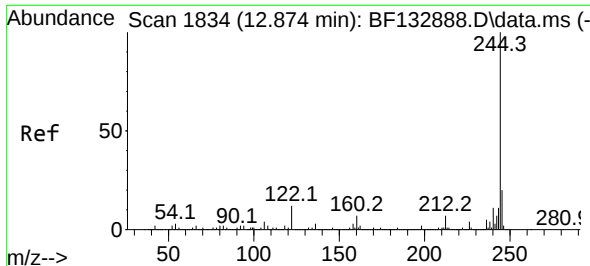
Ion Ratio Lower Upper

202 100

200 21.5 17.6 26.4

203 17.3 14.6 22.0





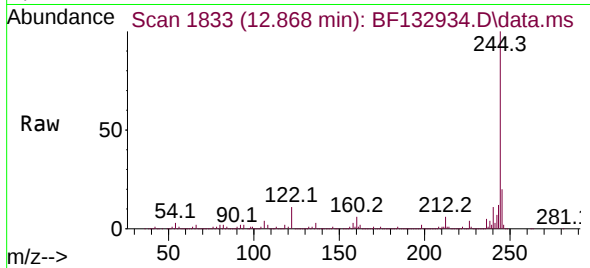
#79
Terphenyl-d14
Concen: 72.032 ng
RT: 12.868 min Scan# 1833
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

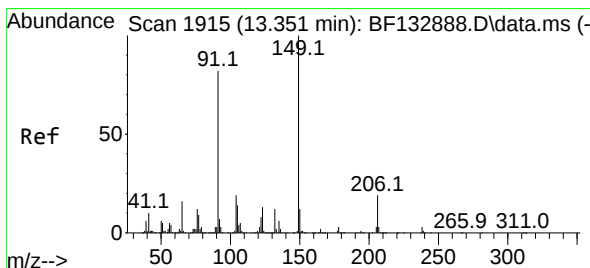
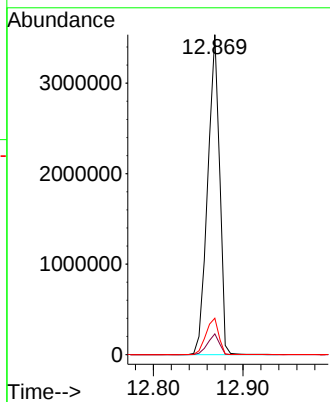
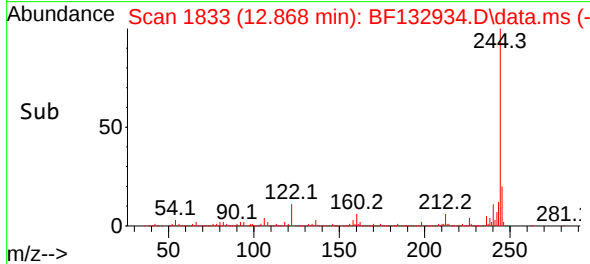


Tgt Ion:244 Resp: 3264023
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.0
122 11.4 9.6 14.4

Manual Integrations

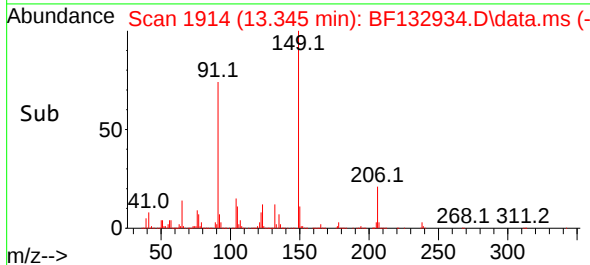
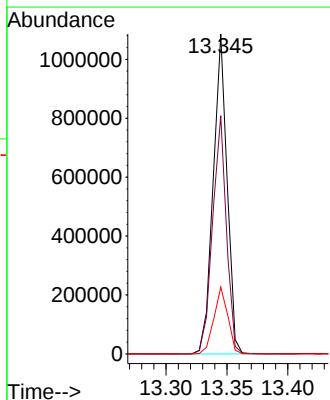
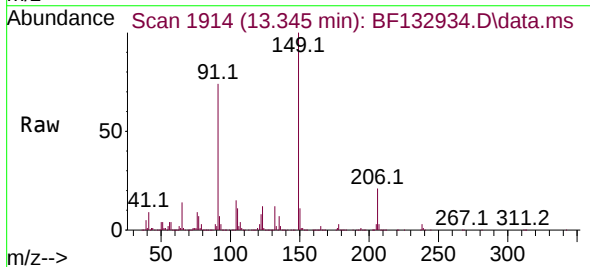
APPROVED

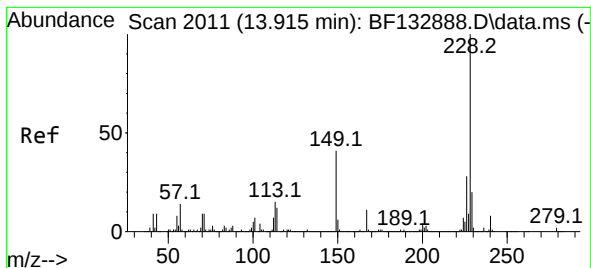
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#80
Butylbenzylphthalate
Concen: 55.767 ng
RT: 13.345 min Scan# 1914
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

Tgt Ion:149 Resp: 864899
Ion Ratio Lower Upper
149 100
91 74.4 65.4 98.0
206 20.9 15.6 23.4





#81

Benzo(a)anthracene

Concen: 37.096 ng

RT: 13.904 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF132934.D

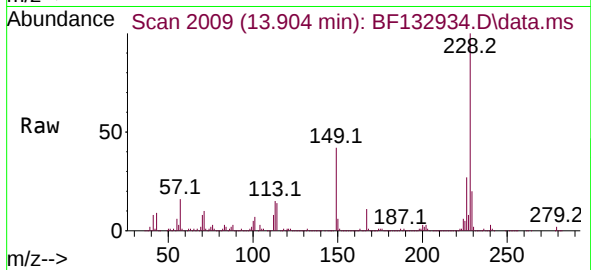
Acq: 20 Apr 2023 12:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:228 Resp: 1950339

Ion Ratio Lower Upper

228 100

226 27.2 22.4 33.6

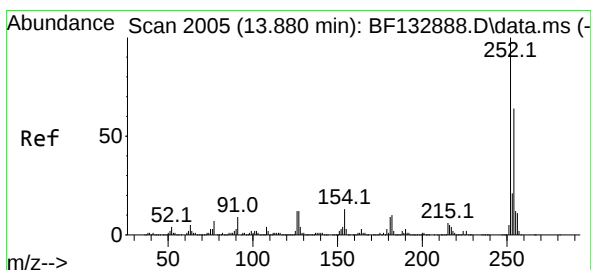
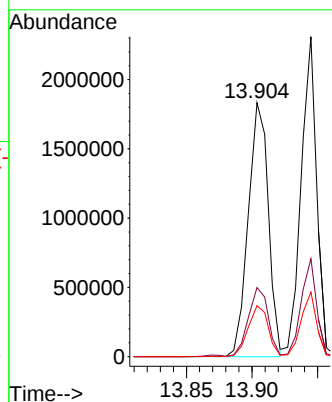
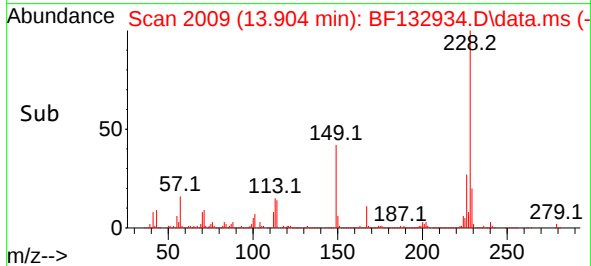
229 20.1 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/21/2023

Supervised By :Jagrut Upadhyay 04/21/2023



#82

3,3'-Dichlorobenzidine

Concen: 47.228 ng

RT: 13.868 min Scan# 2003

Delta R.T. 0.000 min

Lab File: BF132934.D

Acq: 20 Apr 2023 12:35

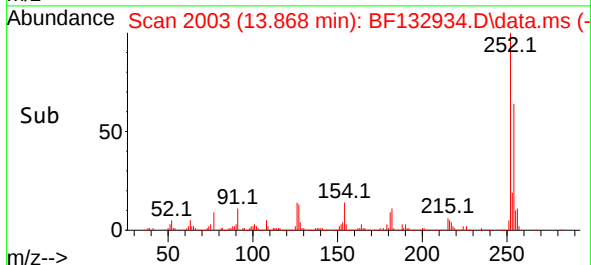
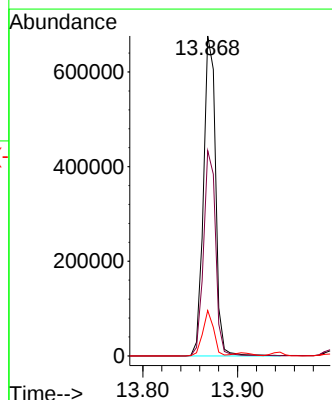
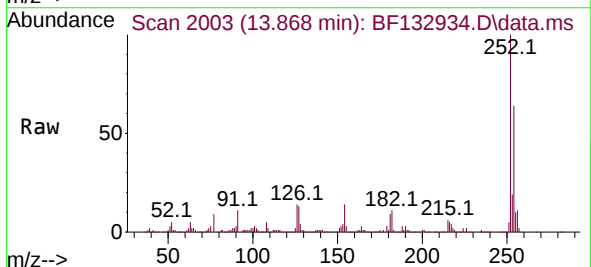
Tgt Ion:252 Resp: 600636

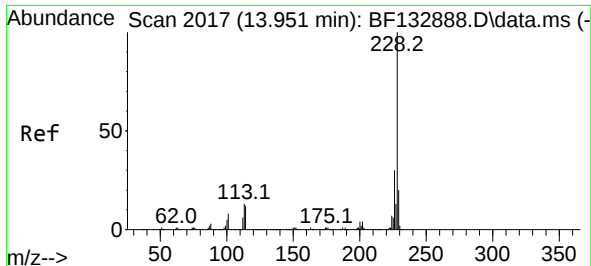
Ion Ratio Lower Upper

252 100

254 64.1 51.0 76.6

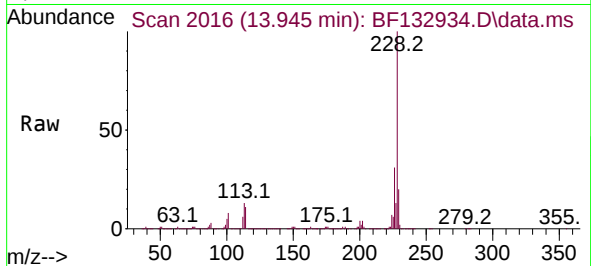
126 14.2 9.8 14.6





#83
Chrysene
Concen: 36.787 ng
RT: 13.945 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

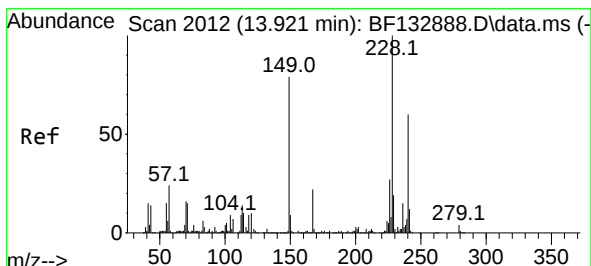
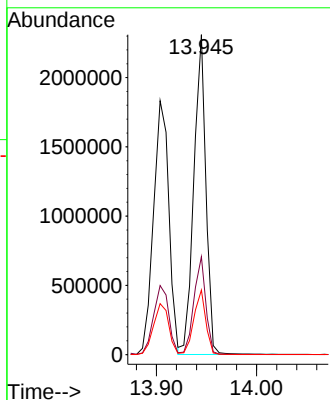
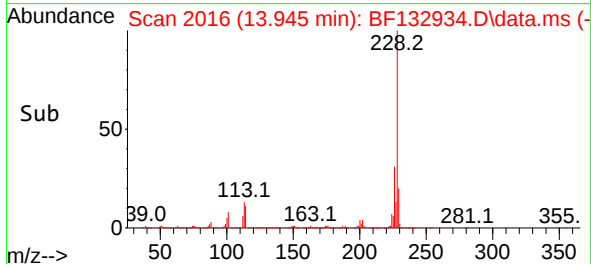
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 1922366
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 20.2 16.2 24.4

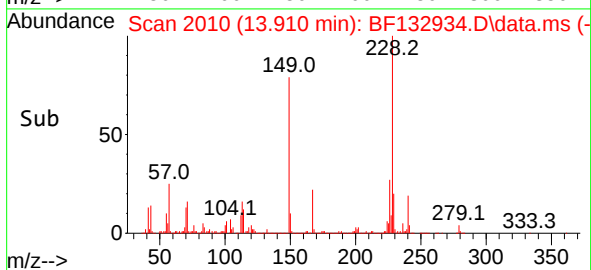
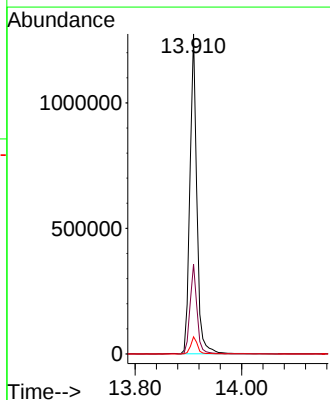
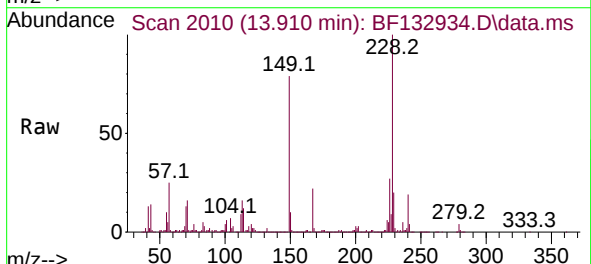
Manual Integrations
APPROVED

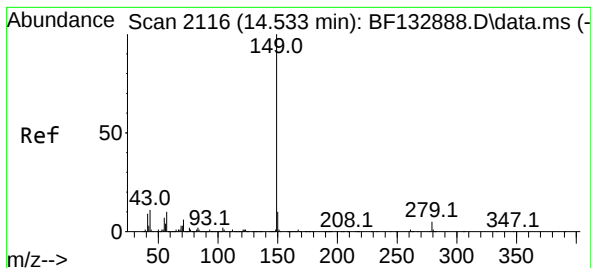
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 57.302 ng
RT: 13.910 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

Tgt Ion:149 Resp: 1145816
Ion Ratio Lower Upper
149 100
167 28.0 22.2 33.4
279 5.3 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 45.863 ng

RT: 14.521 min Scan# 2114

Delta R.T. 0.000 min

Lab File: BF132934.D

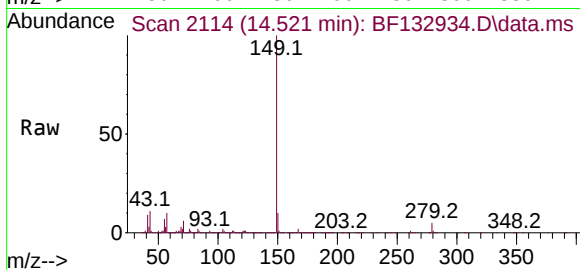
Acq: 20 Apr 2023 12:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:149 Resp: 1979039

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

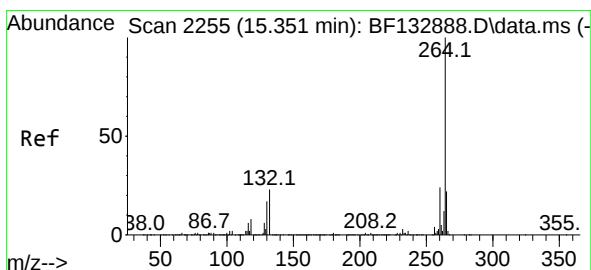
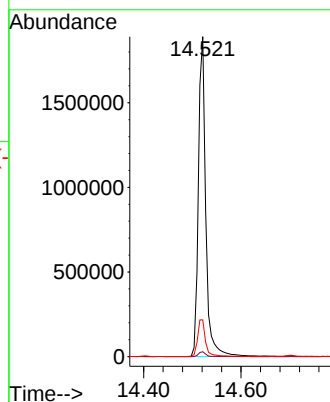
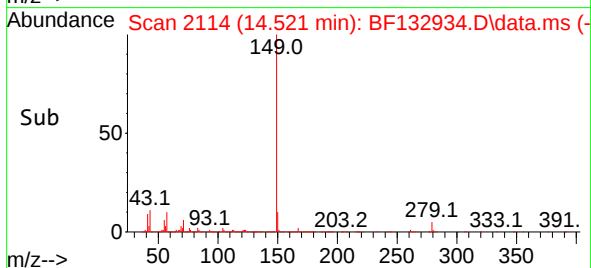
43 12.6 11.5 17.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/21/2023

Supervised By :Jagrut Upadhyay 04/21/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.339 min Scan# 2253

Delta R.T. 0.000 min

Lab File: BF132934.D

Acq: 20 Apr 2023 12:35

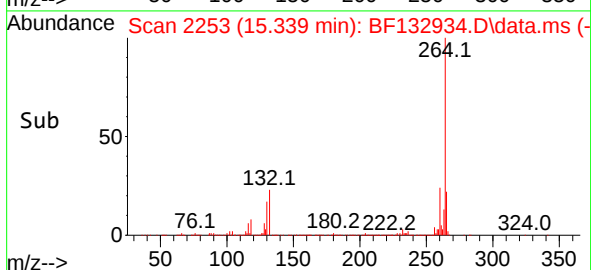
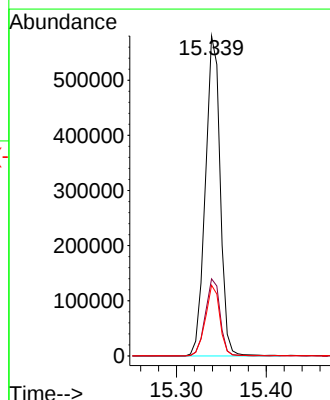
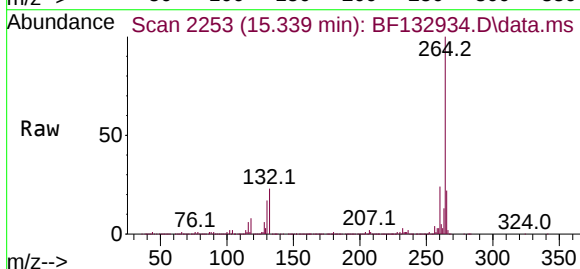
Tgt Ion:264 Resp: 665110

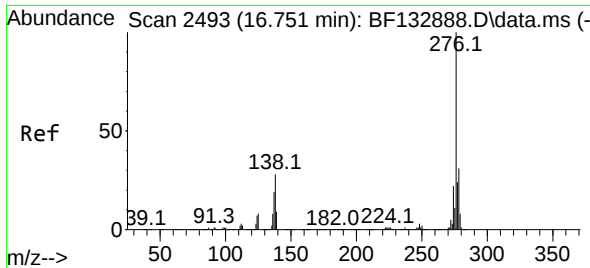
Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.6

265 22.1 17.7 26.5





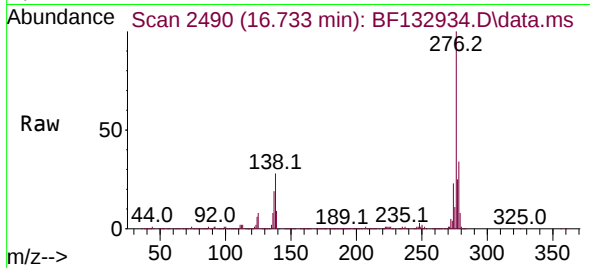
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.338 ng
RT: 16.733 min Scan# 2493
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

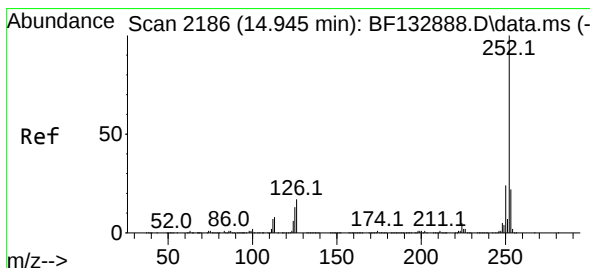
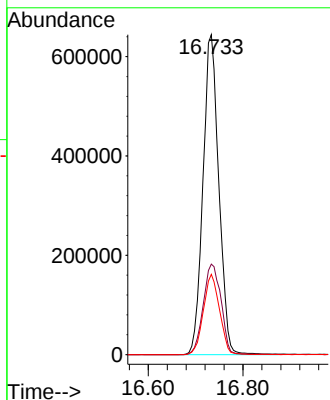
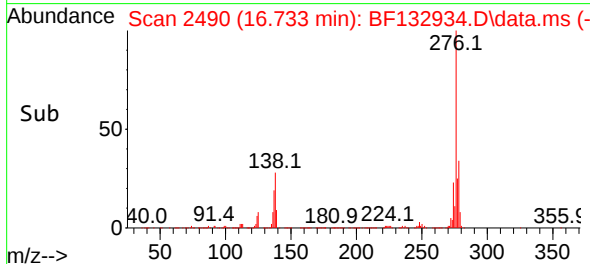


Tgt Ion:276 Resp: 1495028
Ion Ratio Lower Upper
276 100
138 31.6 25.5 38.3
277 25.6 20.3 30.5

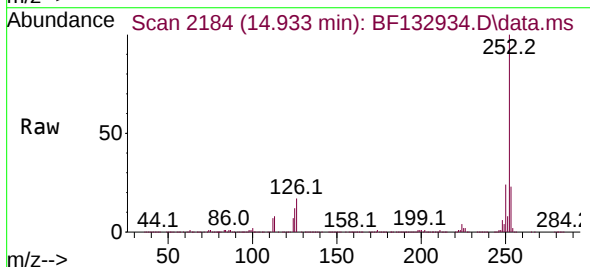
Manual Integrations

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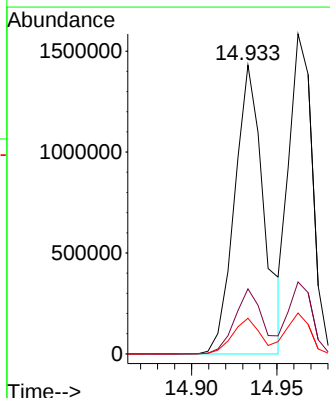
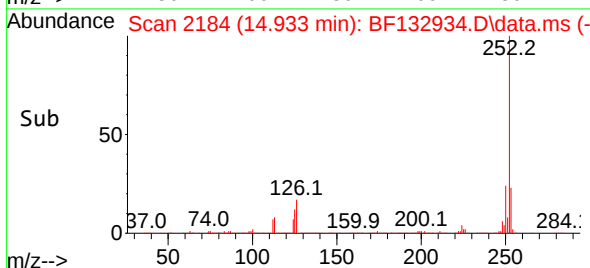
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023

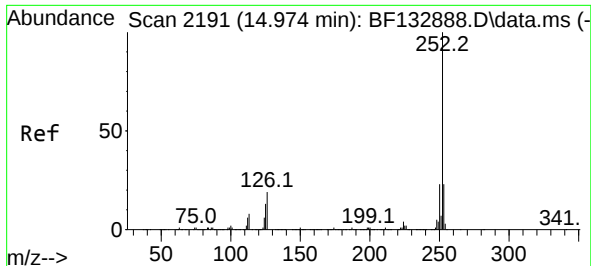


#88
Benzo(b)fluoranthene
Concen: 41.158 ng
RT: 14.933 min Scan# 2184
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35



Tgt Ion:252 Resp: 1705168
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 12.4 10.0 15.0





#89

Benzo(k)fluoranthene

Concen: 37.019 ng

RT: 14.962 min Scan# 2191

Delta R.T. 0.000 min

Lab File: BF132934.D

Acq: 20 Apr 2023 12:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 1527809

Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

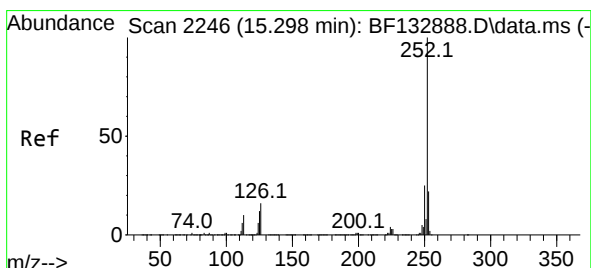
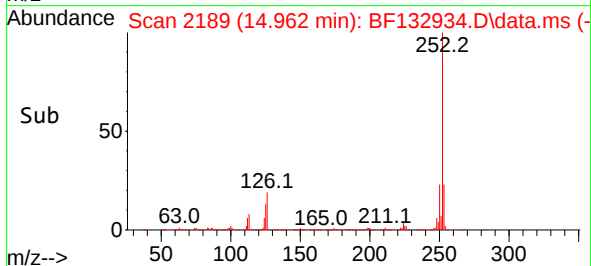
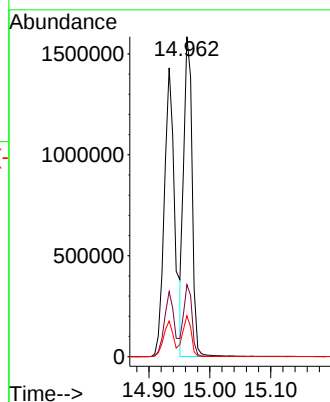
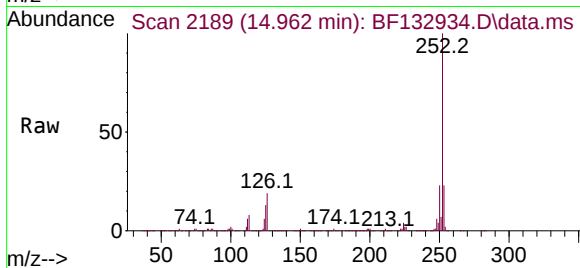
125 12.8 10.0 15.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/21/2023

Supervised By :Jagrut Upadhyay 04/21/2023



#90

Benzo(a)pyrene

Concen: 38.041 ng

RT: 15.286 min Scan# 2244

Delta R.T. 0.000 min

Lab File: BF132934.D

Acq: 20 Apr 2023 12:35

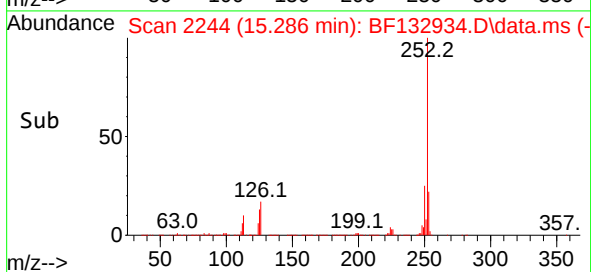
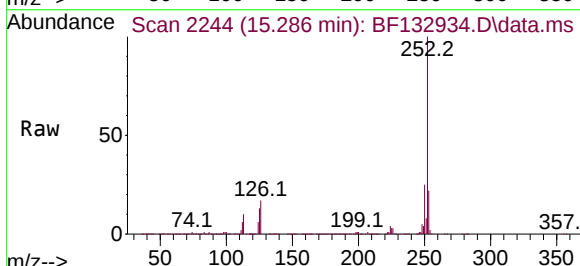
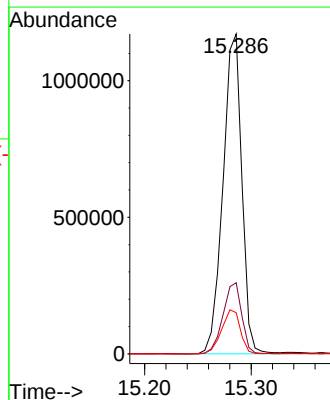
Tgt Ion:252 Resp: 1439849

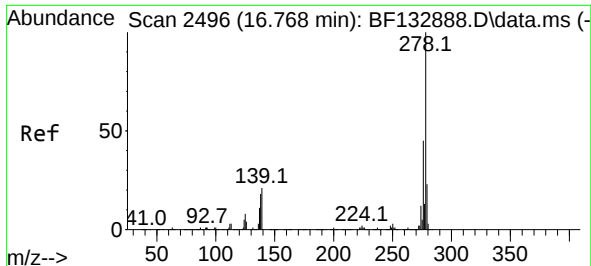
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

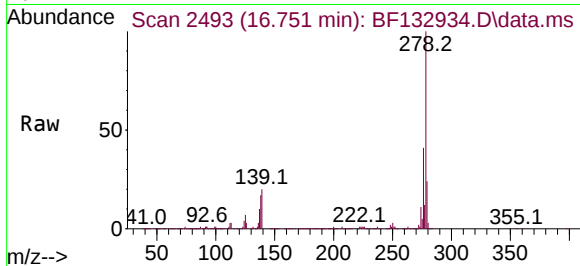
125 12.9 9.9 14.9





#91
Dibenzo(a,h)anthracene
Concen: 38.884 ng
RT: 16.751 min Scan# 2496
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

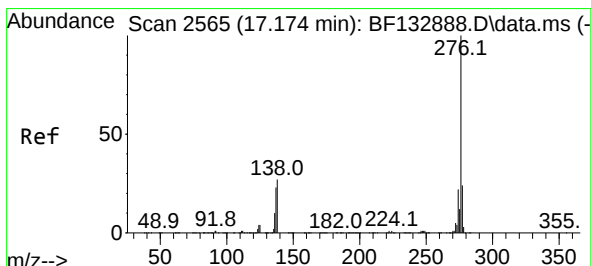
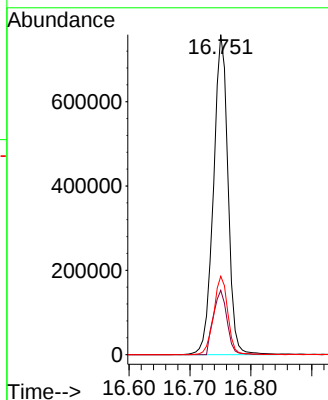
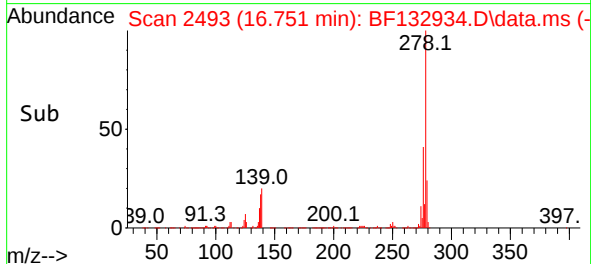
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:278 Resp: 125915
Ion Ratio Lower Upper
278 100
139 20.1 16.7 25.1
279 24.5 18.4 27.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#92
Benzo(g,h,i)perylene
Concen: 40.545 ng
RT: 17.156 min Scan# 2562
Delta R.T. 0.000 min
Lab File: BF132934.D
Acq: 20 Apr 2023 12:35

Tgt Ion:276 Resp: 1257092
Ion Ratio Lower Upper
276 100
277 22.9 18.9 28.3
138 26.8 21.7 32.5

