

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042723\
 Data File : BF133090.D
 Acq On : 27 Apr 2023 09:59
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Apr 28 02:01:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 02:00:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/28/2023
 Supervised By : Jagrut Upadhyay 04/28/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	190486	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	734979	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	380778	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	697429	20.000	ng	0.00
76) Chrysene-d12	13.898	240	504844	20.000	ng	0.00
86) Perylene-d12	15.316	264	446746	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	945414	74.974	ng	0.00
7) Phenol-d6	6.381	99	1151130	73.548	ng	0.00
23) Nitrobenzene-d5	7.304	82	992622	72.898	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	314099	82.022	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1751829	76.969	ng	0.00
79) Terphenyl-d14	12.845	244	2036532	69.573	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.393	88	210228	35.943	ng	97
3) Pyridine	3.093	79	588099	37.857	ng	96
4) n-Nitrosodimethylamine	3.052	42	263680	32.770	ng	90
6) Aniline	6.404	93	739111	36.665	ng	99
8) 2-Chlorophenol	6.522	128	479815	37.476	ng	99
9) Benzaldehyde	6.287	77	282489	38.659	ng	96
10) Phenol	6.393	94	621889	36.017	ng	87
11) bis(2-Chloroethyl)ether	6.481	93	458593	35.394	ng	96
12) 1,3-Dichlorobenzene	6.681	146	510506	37.504	ng	97
13) 1,4-Dichlorobenzene	6.757	146	502500	36.834	ng	98
14) 1,2-Dichlorobenzene	6.910	146	471734	37.507	ng	97
15) Benzyl Alcohol	6.887	79	388029	35.890	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.022	45	736969	32.748	ng	95
17) 2-Methylphenol	6.998	107	449023	38.301	ng	98
18) Hexachloroethane	7.251	117	172348	36.337	ng	95
19) n-Nitroso-di-n-propyla...	7.157	70	322028	33.049	ng	97
20) 3+4-Methylphenols	7.157	107	511809	37.070	ng	# 85
22) Acetophenone	7.151	105	632789	37.167	ng	99
24) Nitrobenzene	7.322	77	504475	36.561	ng	98
25) Isophorone	7.563	82	924874	35.774	ng	98
26) 2-Nitrophenol	7.640	139	271034	40.725	ng	94
27) 2,4-Dimethylphenol	7.687	122	430057	37.685	ng	97
28) bis(2-Chloroethoxy)met...	7.775	93	547738	35.813	ng	99
29) 2,4-Dichlorophenol	7.887	162	401048	38.604	ng	97
30) 1,2,4-Trichlorobenzene	7.969	180	409139	38.015	ng	99
31) Naphthalene	8.045	128	1375314	37.427	ng	100
32) Benzoic acid	7.798	122	333084m	47.253	ng	
33) 4-Chloroaniline	8.098	127	605297	40.769	ng	98
34) Hexachlorobutadiene	8.169	225	223123	37.405	ng	98
35) Caprolactam	8.469	113	145777	41.771	ng	90
36) 4-Chloro-3-methylphenol	8.581	107	432630	38.618	ng	96
37) 2-Methylnaphthalene	8.734	142	944537	37.597	ng	100
38) 1-Methylnaphthalene	8.834	142	886081	37.702	ng	100
40) 1,2,4,5-Tetrachloroben...	8.904	216	377108	36.834	ng	99
41) Hexachlorocyclopentadiene	8.892	237	221444	37.087	ng	99
43) 2,4,6-Trichlorophenol	9.016	196	264347	37.335	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	322396	39.371	ng	97
46) 1,1'-Biphenyl	9.198	154	1122922	37.190	ng	99
47) 2-Chloronaphthalene	9.222	162	830346	37.572	ng	98
48) 2-Nitroaniline	9.316	65	281471	38.537	ng	91
49) Acenaphthylene	9.639	152	1322173	37.442	ng	99
50) Dimethylphthalate	9.504	163	1004697	37.840	ng	98
51) 2,6-Dinitrotoluene	9.563	165	237297	39.709	ng	# 86
52) Acenaphthene	9.810	154	891697m	37.703	ng	
53) 3-Nitroaniline	9.734	138	292422	41.154	ng	96
54) 2,4-Dinitrophenol	9.834	184	136975	45.601	ng	97
55) Dibenzofuran	9.981	168	1209408	37.487	ng	99
56) 4-Nitrophenol	9.892	139	222708	40.468	ng	94
57) 2,4-Dinitrotoluene	9.963	165	314556	41.275	ng	93
58) Fluorene	10.328	166	911354	38.558	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.098	232	249528	39.306	ng	96
60) Diethylphthalate	10.204	149	954977	38.079	ng	97
61) 4-Chlorophenyl-phenyle...	10.316	204	439184	38.129	ng	96
62) 4-Nitroaniline	10.345	138	291535	44.641	ng	94
63) Azobenzene	10.475	77	940554	35.403	ng	98
65) 4,6-Dinitro-2-methylph...	10.375	198	183915	43.507	ng	96
66) n-Nitrosodiphenylamine	10.439	169	832546	36.801	ng	99
67) 4-Bromophenyl-phenylether	10.804	248	277959	36.748	ng	96
68) Hexachlorobenzene	10.875	284	290014	37.418	ng	97
69) Atrazine	10.963	200	254815	39.090	ng	98
70) Pentachlorophenol	11.063	266	217311	39.368	ng	98
71) Phenanthrene	11.281	178	1398656	37.313	ng	100
72) Anthracene	11.333	178	1440486	37.550	ng	99
73) Carbazole	11.492	167	1321047	38.674	ng	100
74) Di-n-butylphthalate	11.828	149	1516838	39.240	ng	99
75) Fluoranthene	12.469	202	1469649	39.065	ng	98
77) Benzidine	12.586	184	431713	50.569	ng	95
78) Pyrene	12.698	202	1512807	34.957	ng	99
80) Butylbenzylphthalate	13.322	149	643238	41.978	ng	99
81) Benzo(a)anthracene	13.886	228	1252128	36.067	ng	99
82) 3,3'-Dichlorobenzidine	13.851	252	415134	43.286	ng	100
83) Chrysene	13.922	228	1247280	35.936	ng	100
84) Bis(2-ethylhexyl)phtha...	13.886	149	745933	38.783	ng	100
85) Di-n-octyl phthalate	14.492	149	1314914	41.928	ng	96
87) Indeno(1,2,3-cd)pyrene	16.698	276	957383	37.675	ng	100
88) Benzo(b)fluoranthene	14.910	252	1055712	37.145	ng	99
89) Benzo(k)fluoranthene	14.939	252	1075849	38.186	ng	99
90) Benzo(a)pyrene	15.257	252	968048	37.421	ng	99
91) Dibenzo(a,h)anthracene	16.715	278	800520	37.770	ng	98
92) Benzo(g,h,i)perylene	17.115	276	803957	38.422	ng	98

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

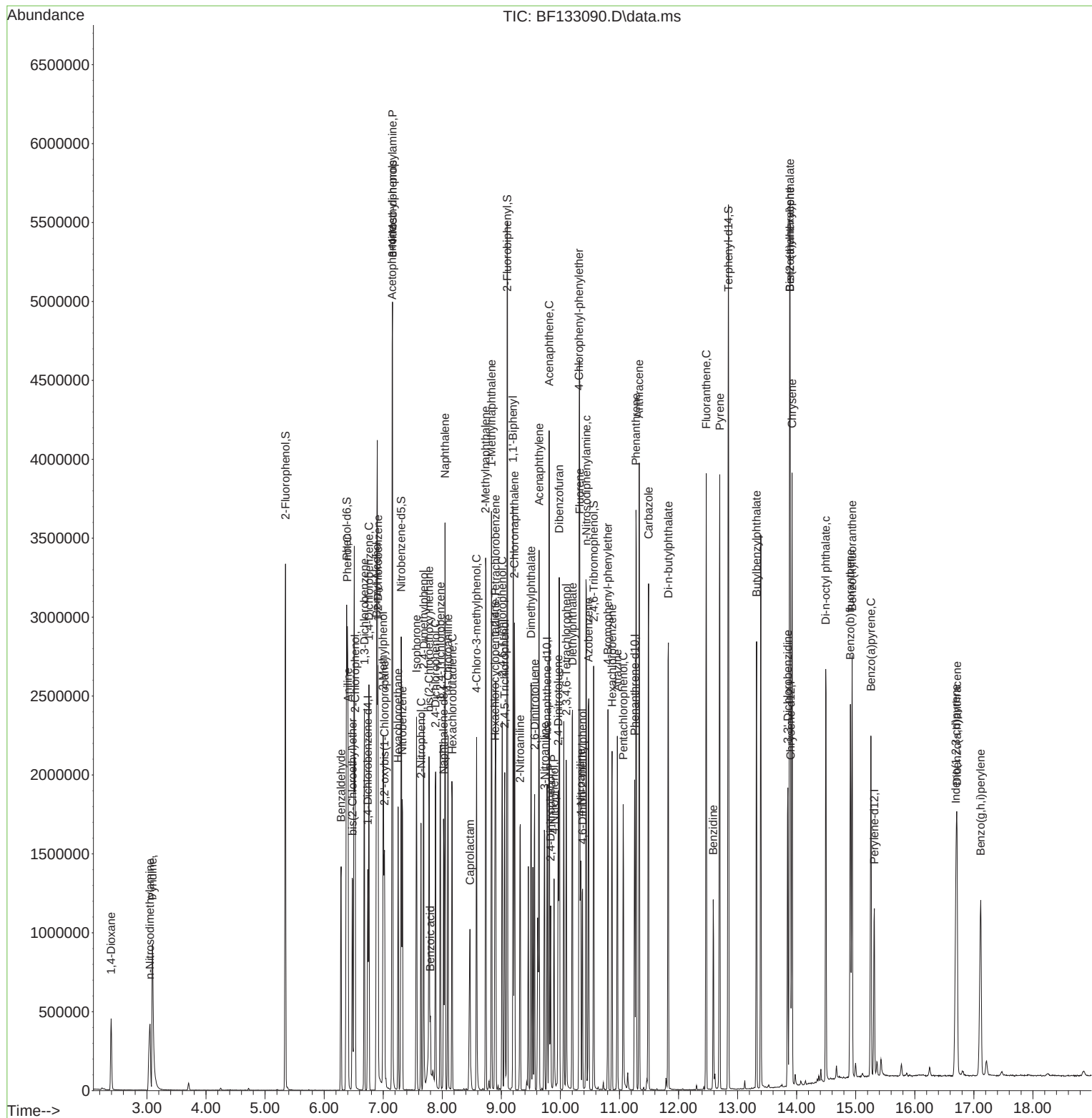
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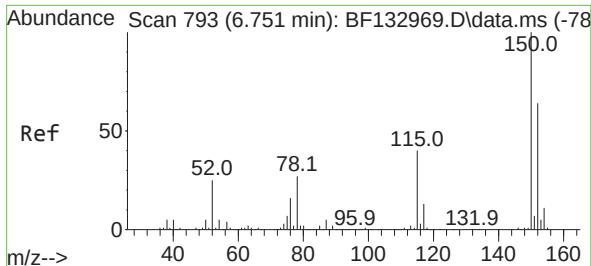
Instrument :
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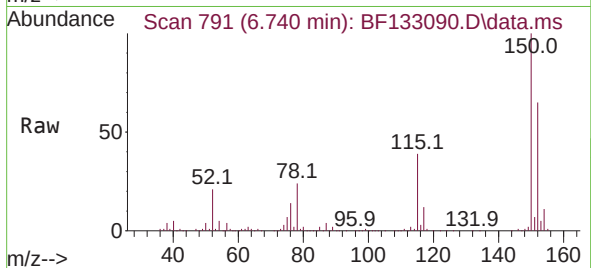
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 793
Delta R.T. -0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

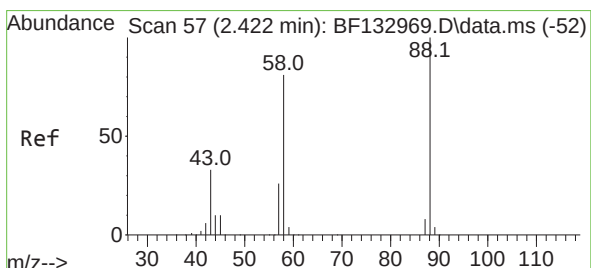
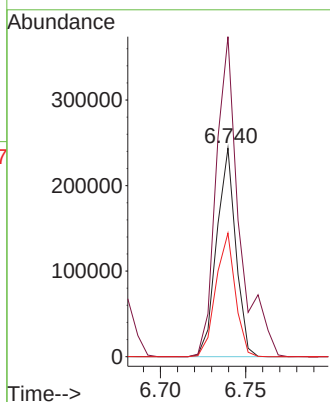
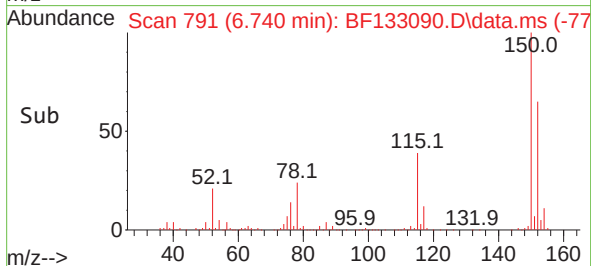
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 190480
Ion Ratio Lower Upper
152 100
150 153.5 124.8 187.2
115 59.3 49.9 74.9

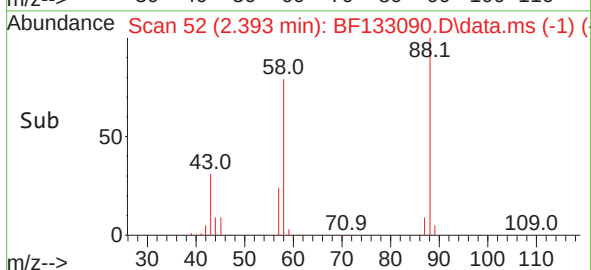
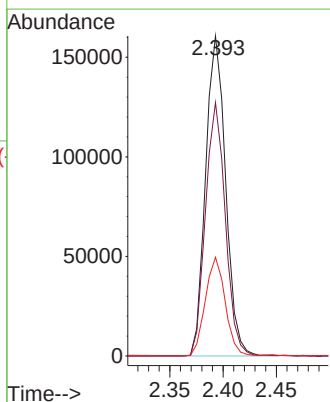
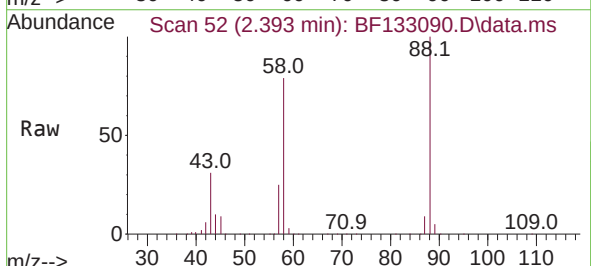
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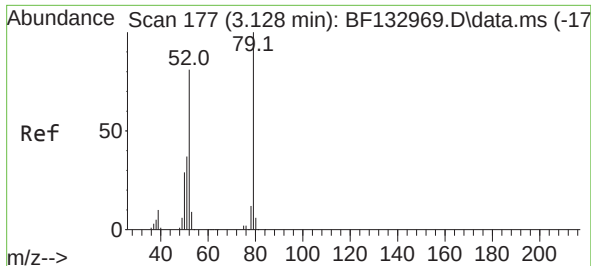
Reviewed By :Christian Giraldo 04/28/2023
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#2
1,4-Dioxane
Concen: 35.943 ng
RT: 2.393 min Scan# 52
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Tgt Ion: 88 Resp: 210228
Ion Ratio Lower Upper
88 100
58 78.6 64.7 97.1
43 30.4 26.2 39.2





#3

Pyridine

Concen: 37.857 ng

RT: 3.093 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 58809

Ion Ratio Lower Upper

79 100

52 76.6 64.6 96.8

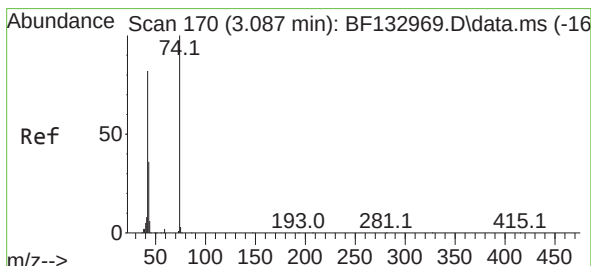
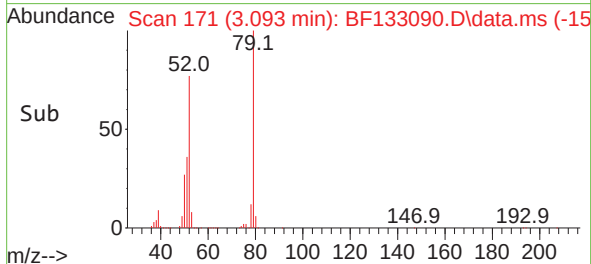
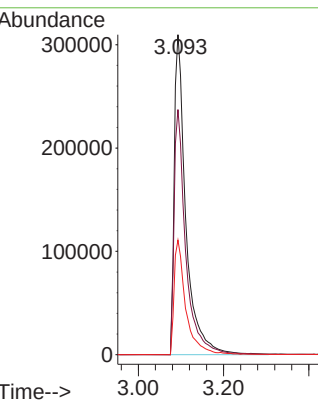
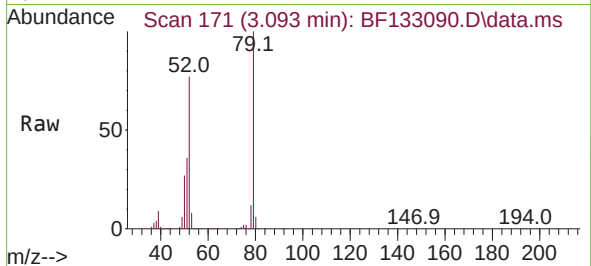
51 35.8 30.0 45.0

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 32.770 ng

RT: 3.052 min Scan# 164

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

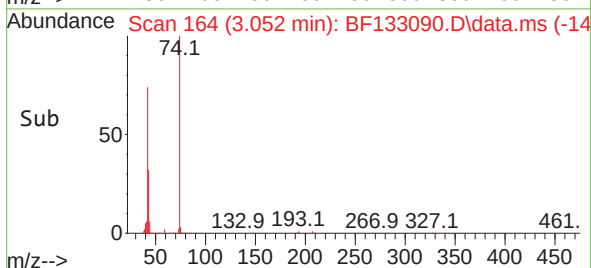
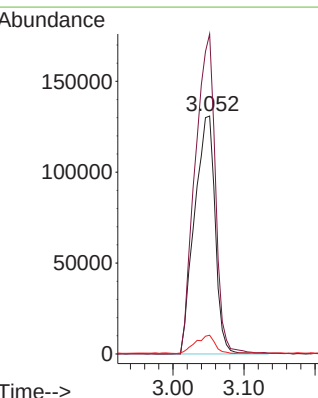
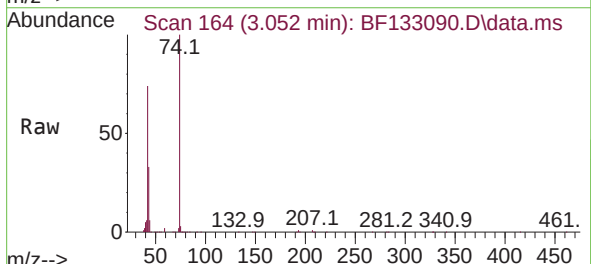
Tgt Ion: 42 Resp: 263680

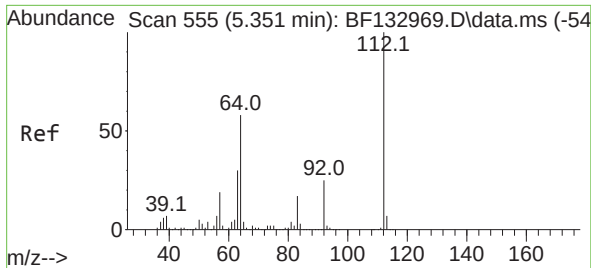
Ion Ratio Lower Upper

42 100

74 134.5 98.0 147.0

44 7.9 5.8 8.8





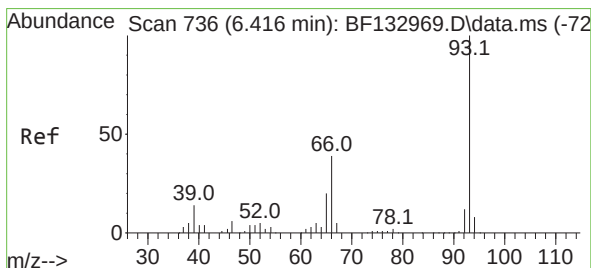
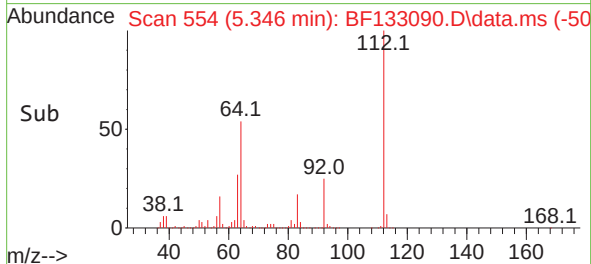
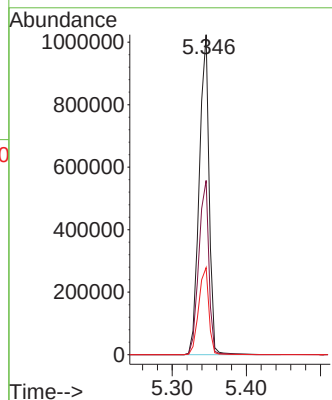
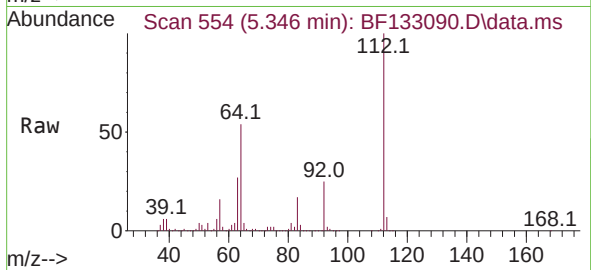
#5
2-Fluorophenol
Concen: 74.974 ng
RT: 5.346 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:112 Resp: 945414
Ion Ratio Lower Upper
112 100
64 54.5 46.8 70.2
63 27.2 23.8 35.8

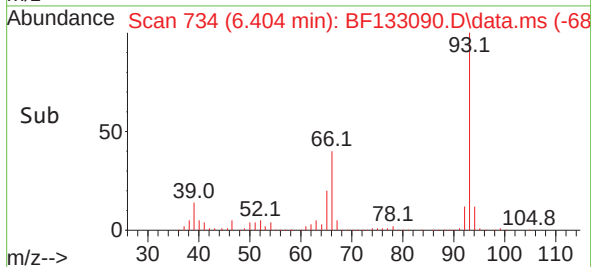
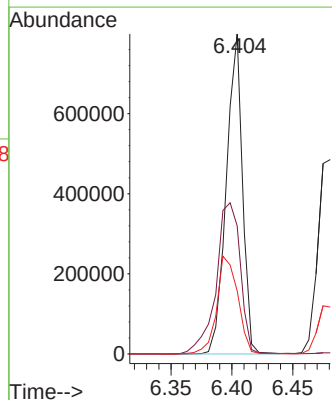
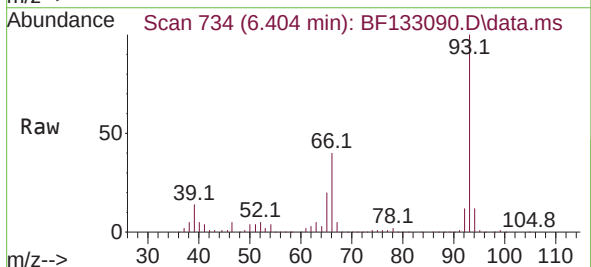
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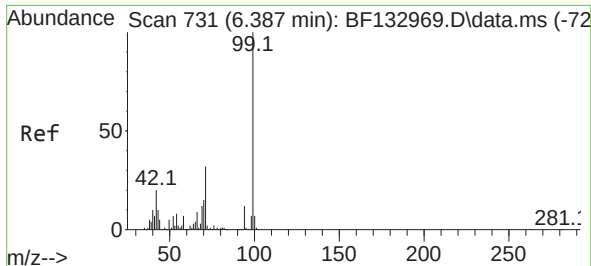
Reviewed By :Christian Giraldo 04/28/2023
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#6
Aniline
Concen: 36.665 ng
RT: 6.404 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Tgt Ion: 93 Resp: 739111
Ion Ratio Lower Upper
93 100
66 40.1 31.5 47.3
65 19.7 16.4 24.6





#7

Phenol-d6

Concen: 73.548 ng

RT: 6.381 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF133090.D

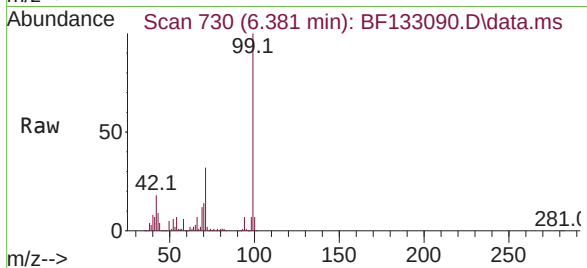
Acq: 27 Apr 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 99 Resp: 1151130

Ion Ratio Lower Upper

99 100

42 18.5 16.3 24.5

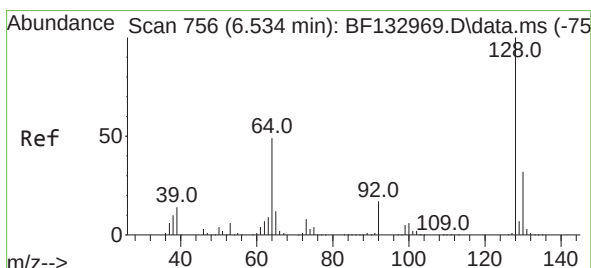
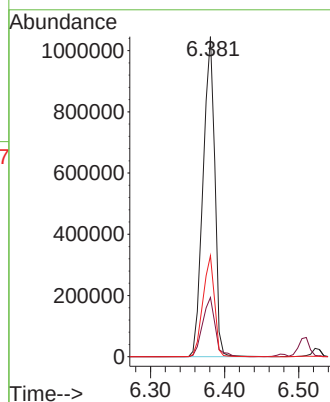
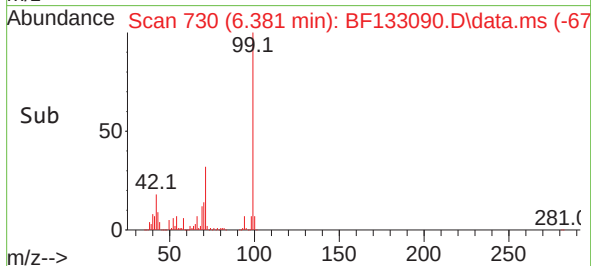
71 31.6 25.6 38.4

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#8

2-Chlorophenol

Concen: 37.476 ng

RT: 6.522 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF133090.D

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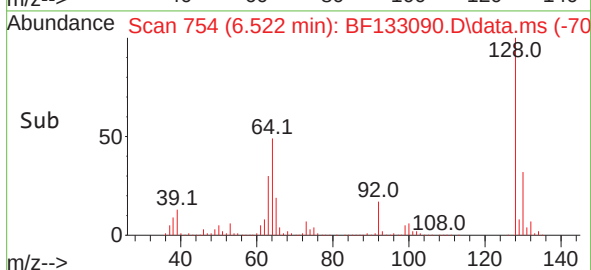
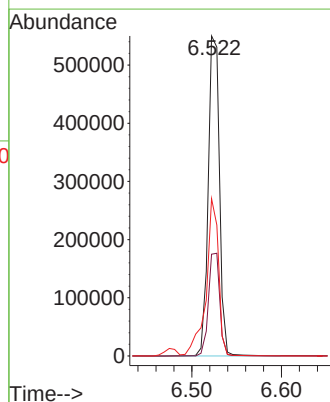
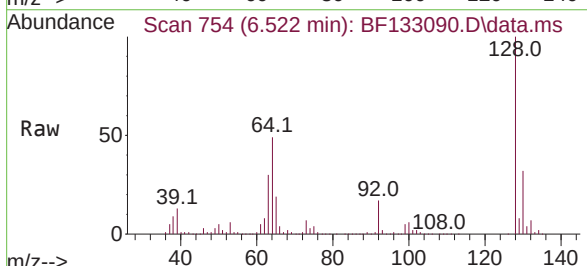
Tgt Ion:128 Resp: 479815

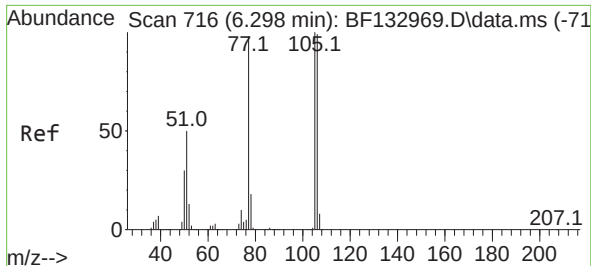
Ion Ratio Lower Upper

128 100

130 31.8 12.2 52.2

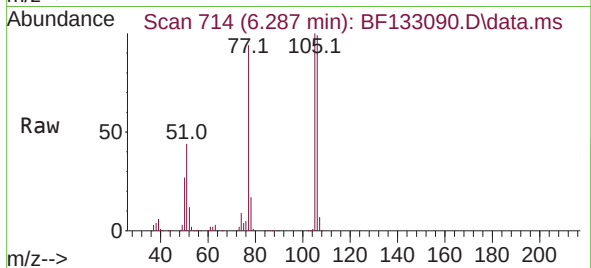
64 49.2 30.3 70.3





#9
Benzaldehyde
Concen: 38.659 ng
RT: 6.287 min Scan# 716
Delta R.T. 0.000 min
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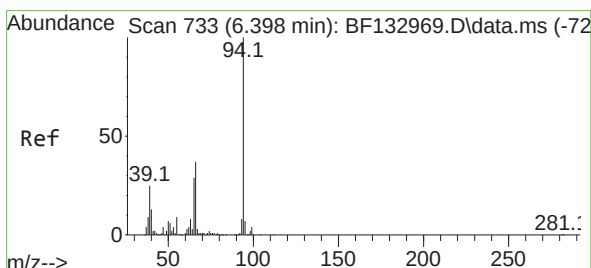
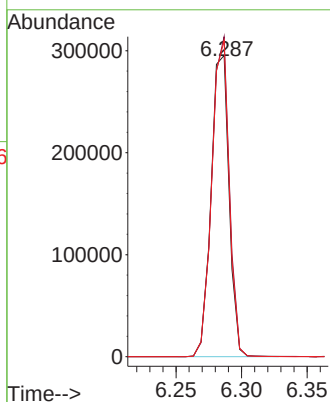
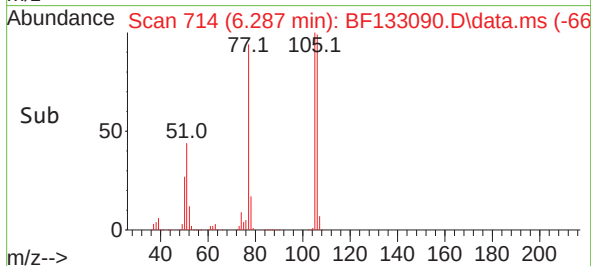
Instrument :
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ClientSampleId :
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Tgt Ion: 77 Resp: 282489
Ion Ratio Lower Upper
77 100
105 106.2 82.3 122.3
106 104.9 80.8 120.8

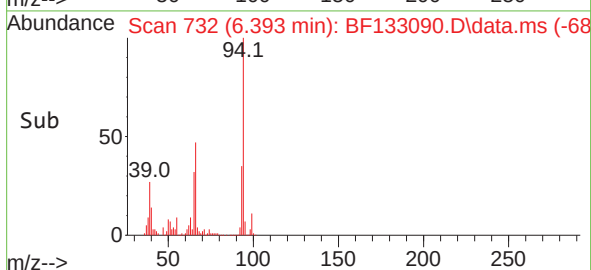
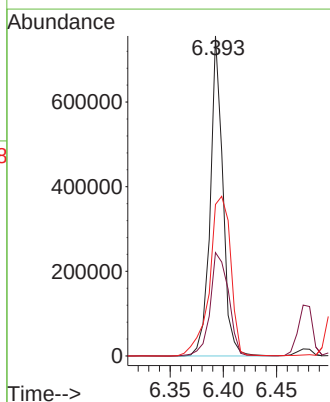
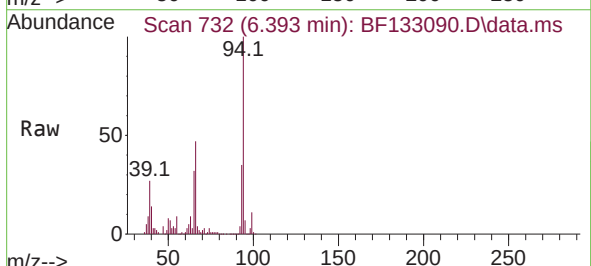
Manual Integrations
APPROVED

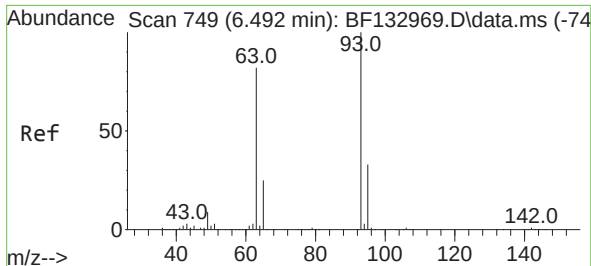
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#10
Phenol
Concen: 36.017 ng
RT: 6.393 min Scan# 732
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Tgt Ion: 94 Resp: 621889
Ion Ratio Lower Upper
94 100
65 32.3 8.6 48.6
66 47.4 17.3 57.3





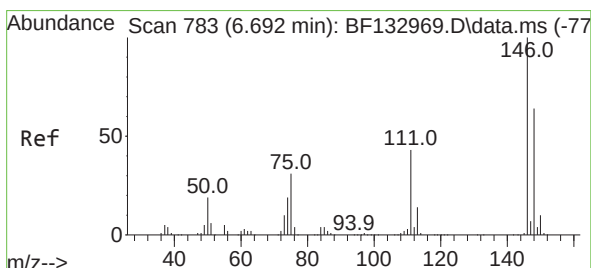
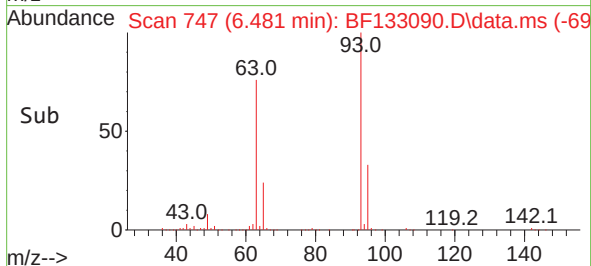
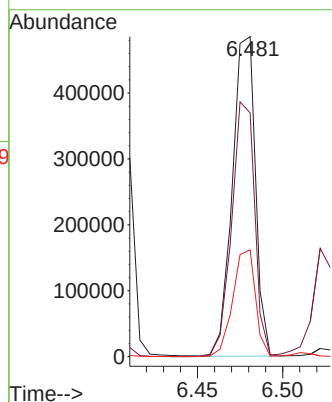
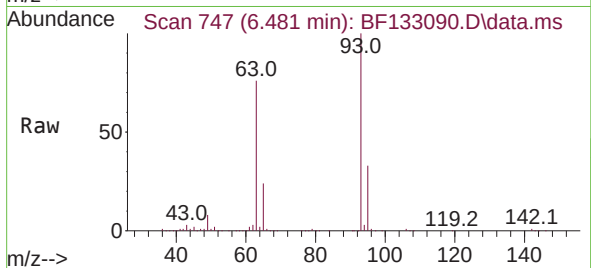
#11
bis(2-Chloroethyl)ether
Concen: 35.394 ng
RT: 6.481 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 458593
Ion Ratio Lower Upper
93 100
63 76.2 60.6 100.6
95 33.4 12.9 52.9

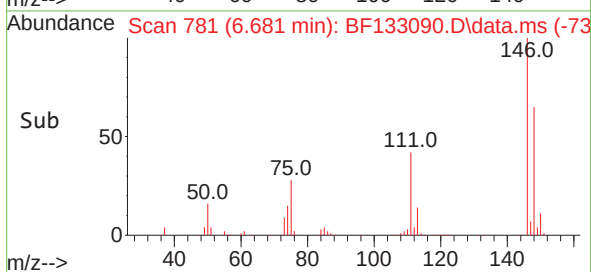
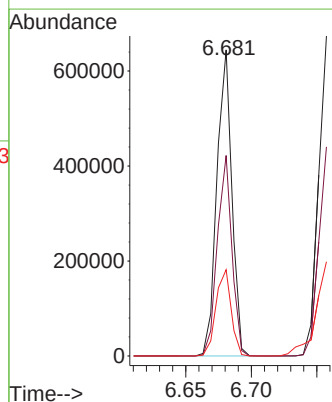
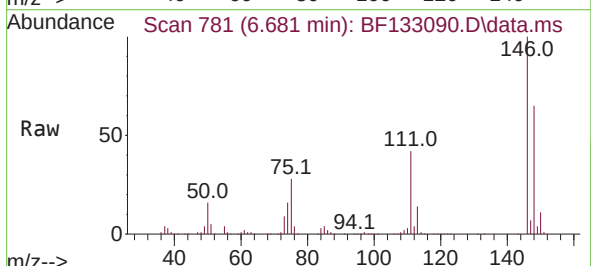
Manual Integrations
APPROVED

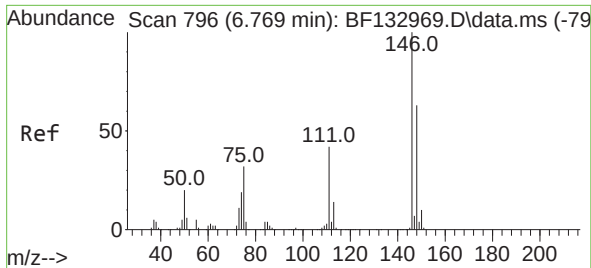
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#12
1,3-Dichlorobenzene
Concen: 37.504 ng
RT: 6.681 min Scan# 781
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Tgt Ion:146 Resp: 510506
Ion Ratio Lower Upper
146 100
148 65.5 51.0 76.4
75 28.2 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 36.834 ng

RT: 6.757 min Scan# 79

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

Instrument :

BNA_F

ClientSampleId :

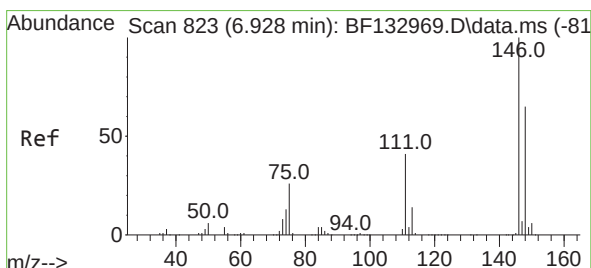
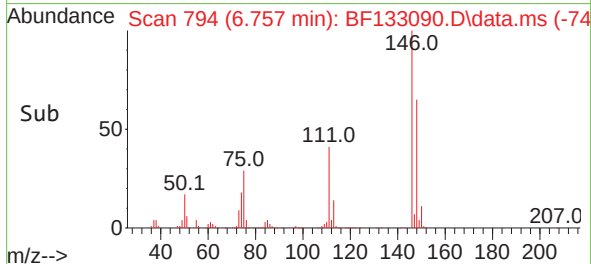
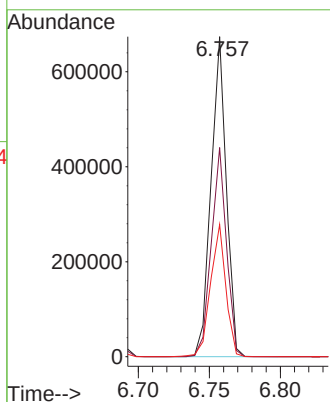
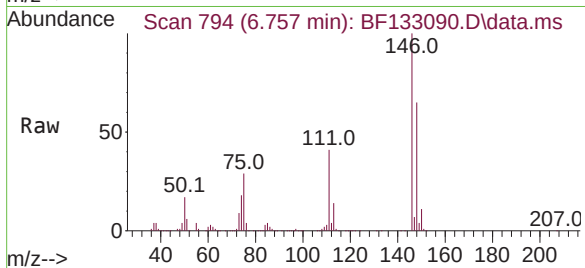
SSTDCCC040

Tgt Ion:146 Resp: 502500
 Ion Ratio Lower Upper
 146 100
 148 65.4 50.3 75.5
 111 41.3 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023
 Supervised By :Jagrut Upadhyay 04/28/2023



#14

1,2-Dichlorobenzene

Concen: 37.507 ng

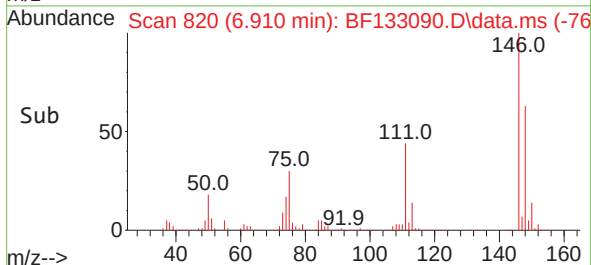
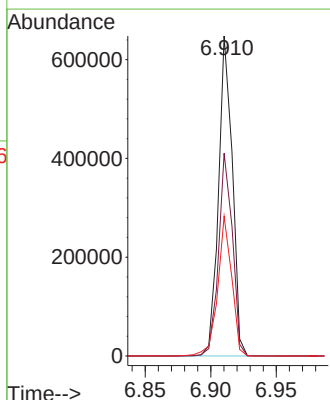
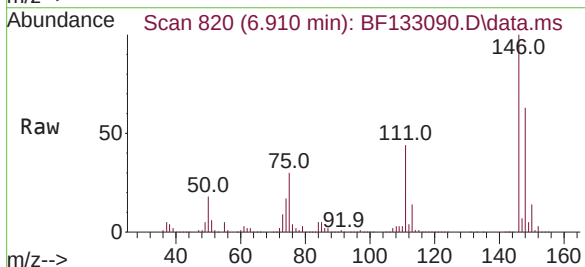
RT: 6.910 min Scan# 820

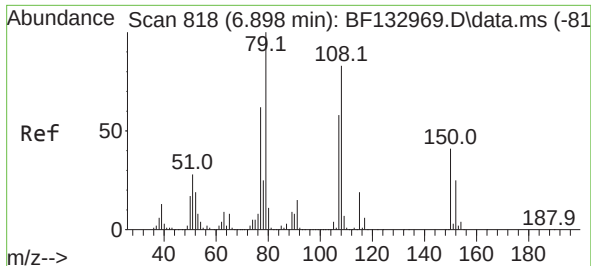
Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

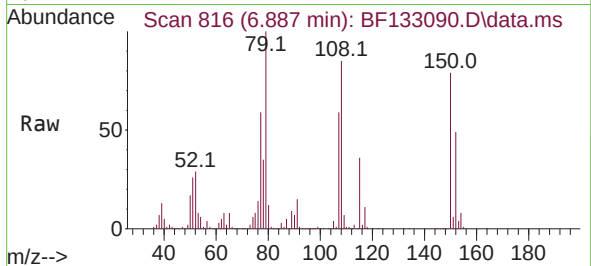
Tgt Ion:146 Resp: 471734
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.2 78.2
 111 43.6 32.8 49.2





#15
Benzyl Alcohol
Concen: 35.890 ng
RT: 6.887 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

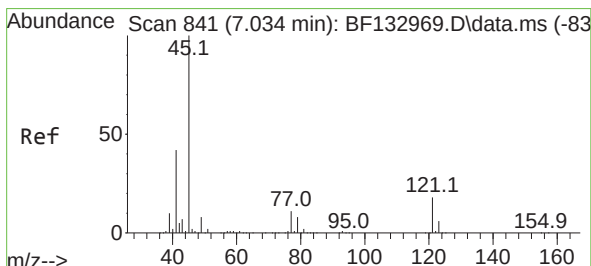
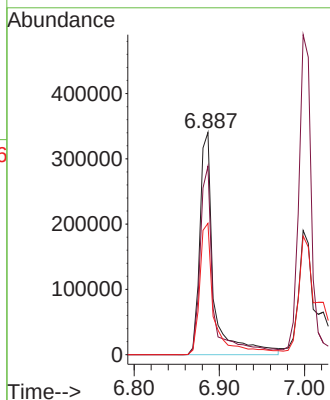
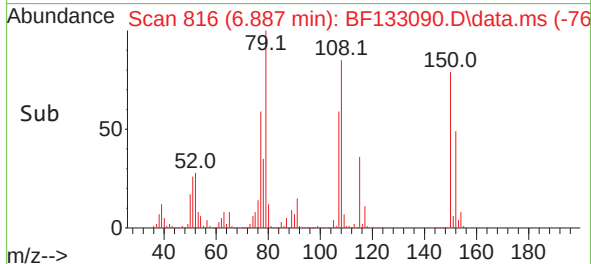
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 388029
Ion Ratio Lower Upper
79 100
108 84.8 66.6 99.8
77 59.2 49.2 73.8

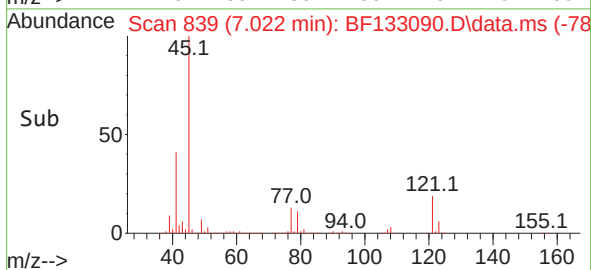
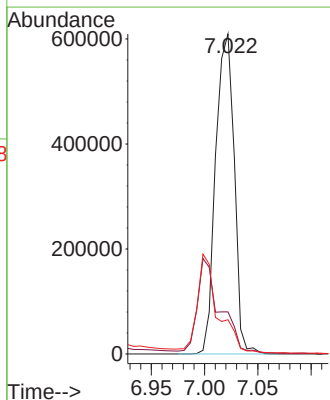
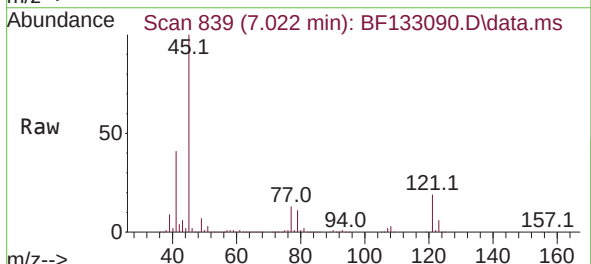
Manual Integrations
APPROVED

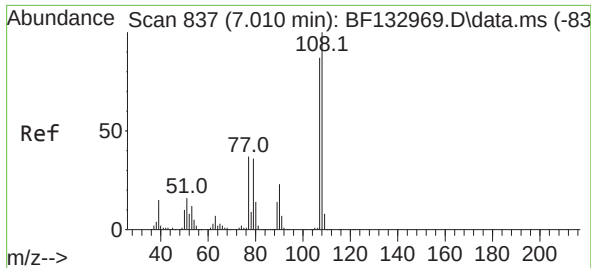
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.748 ng
RT: 7.022 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Tgt Ion: 45 Resp: 736969
Ion Ratio Lower Upper
45 100
77 13.2 0.0 31.5
79 10.7 0.0 28.7





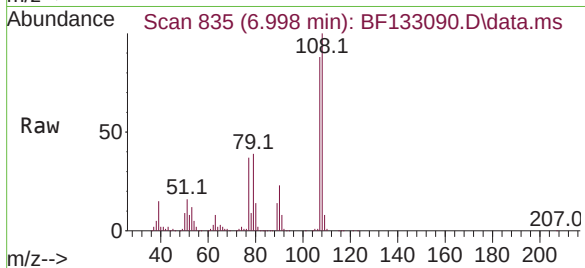
#17
2-Methylphenol
Concen: 38.301 ng
RT: 6.998 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

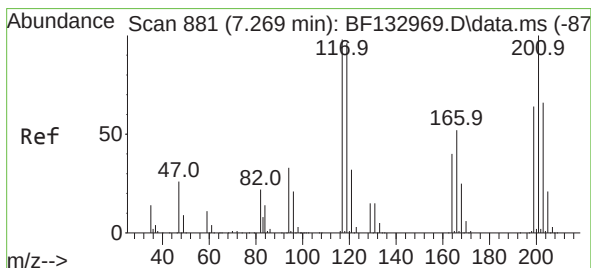
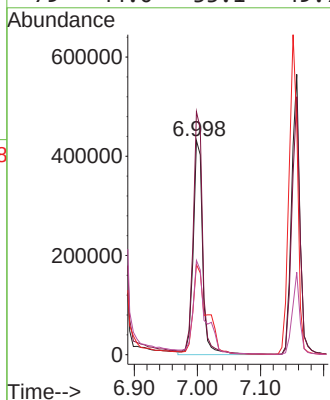
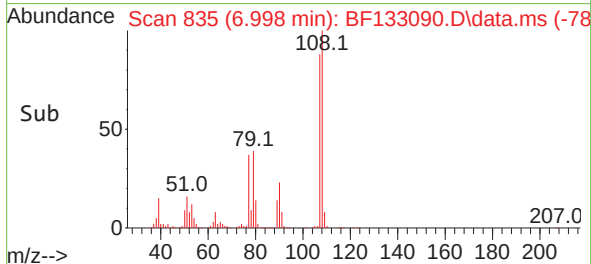


Tgt Ion:107 Resp: 44902
Ion Ratio Lower Upper
107 100
108 113.5 92.4 138.6
77 42.1 33.8 50.8
79 44.0 33.1 49.7

Manual Integrations

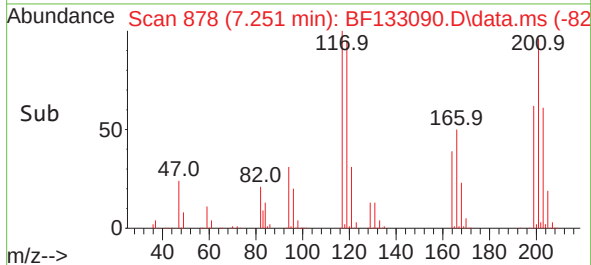
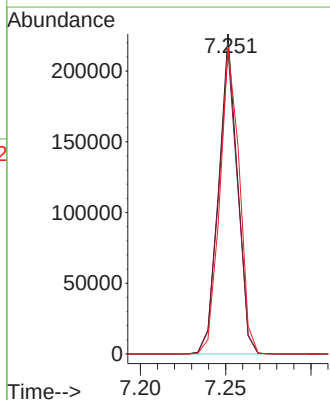
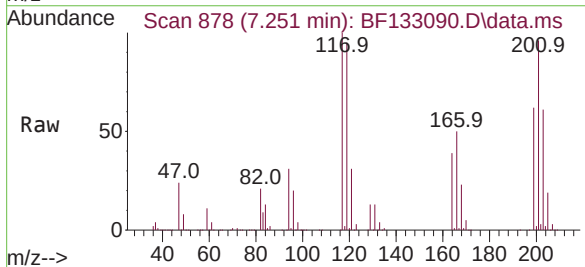
APPROVED

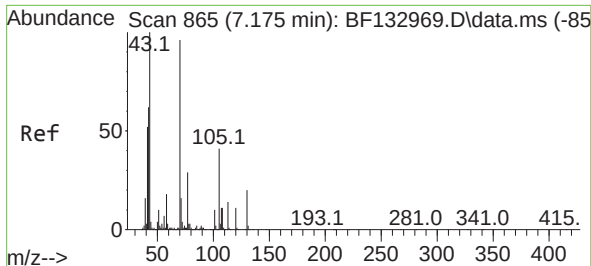
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#18
Hexachloroethane
Concen: 36.337 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Tgt Ion:117 Resp: 172348
Ion Ratio Lower Upper
117 100
119 94.9 78.2 117.4
201 96.0 81.7 122.5





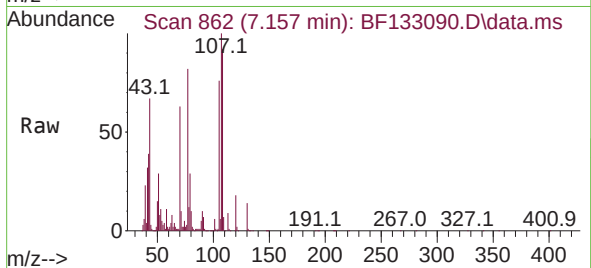
#19
n-Nitroso-di-n-propylamine
Concen: 33.049 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

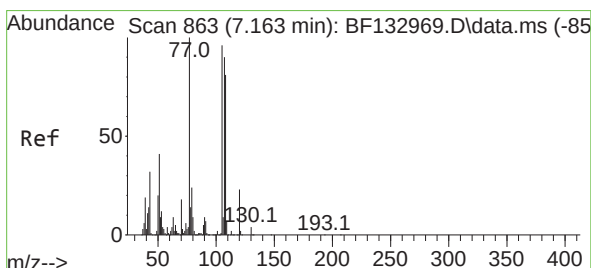
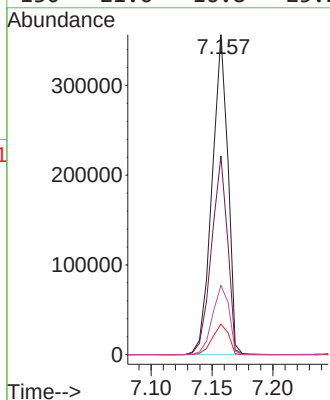
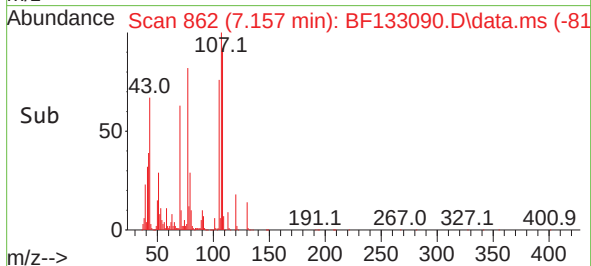


Tgt Ion: 70 Resp: 322028
Ion Ratio Lower Upper
70 100
42 62.1 51.8 77.6
101 9.6 8.0 12.0
130 21.6 16.8 25.2

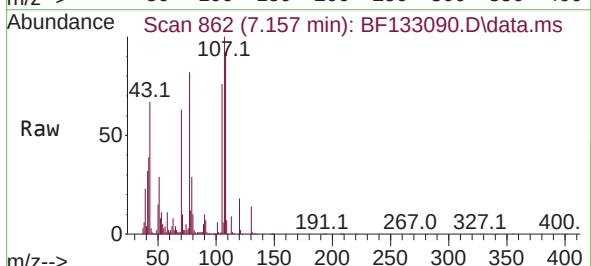
Manual Integrations

APPROVED

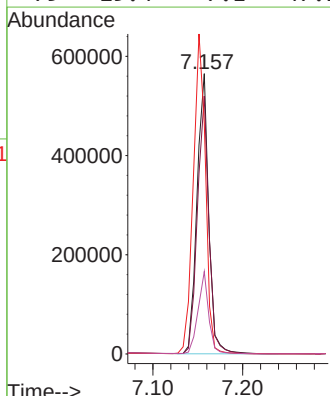
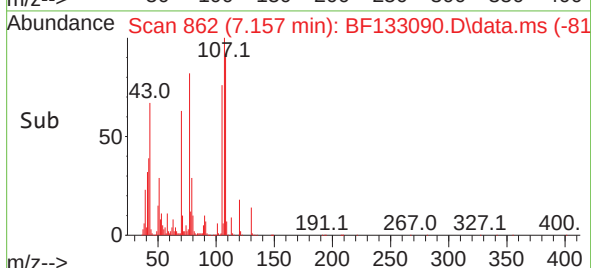
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

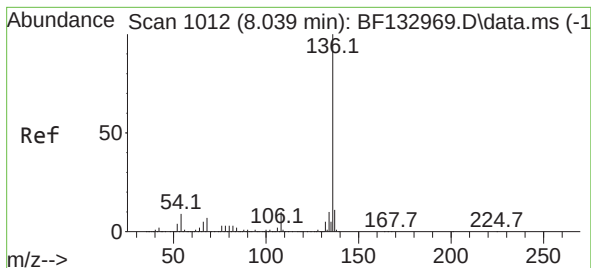


#20
3+4-Methylphenols
Concen: 37.070 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59



Tgt Ion:107 Resp: 511809
Ion Ratio Lower Upper
107 100
108 92.0 70.5 110.5
77 82.4 91.7 131.7#
79 29.4 7.1 47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Instrument :

BNA_F

ClientSampleId :

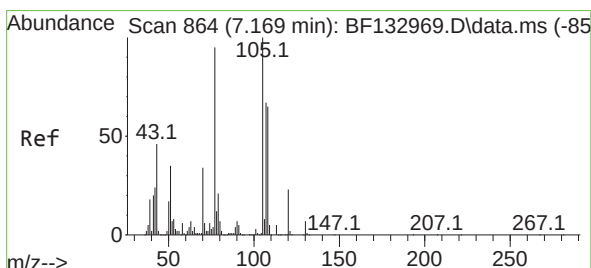
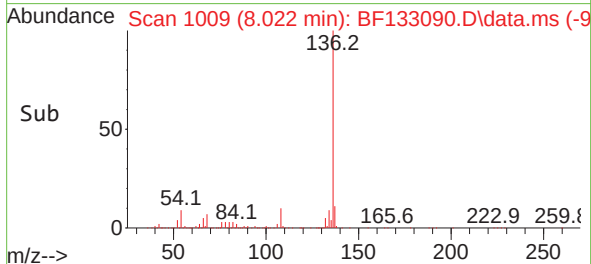
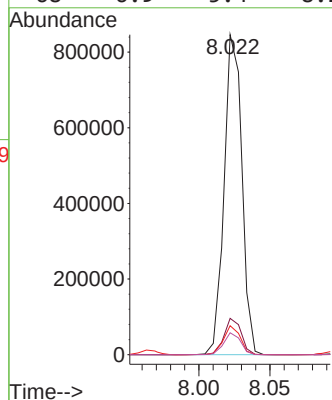
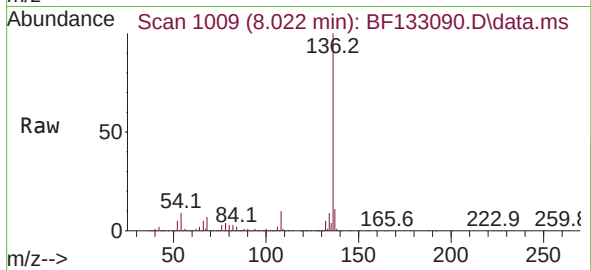
SSTDCCC040

Tgt Ion:136 Resp: 734979
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 9.0 7.0 10.4
68 6.9 5.4 8.2

Manual Integrations

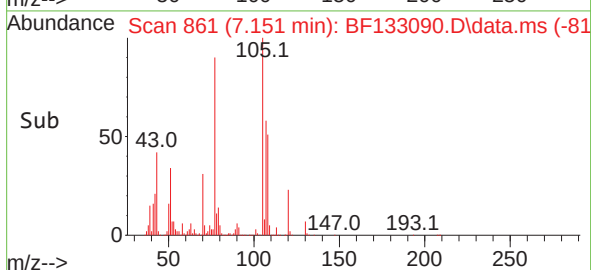
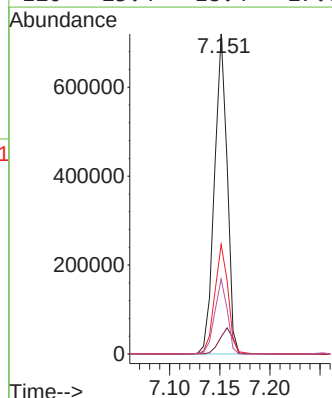
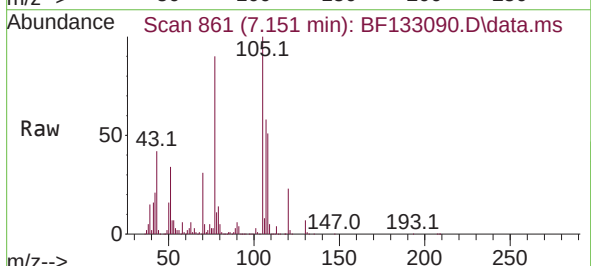
APPROVED

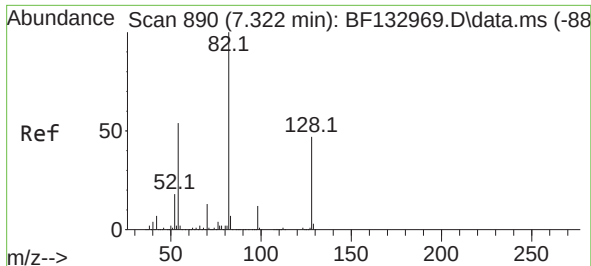
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#22
Acetophenone
Concen: 37.167 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Tgt Ion:105 Resp: 632789
Ion Ratio Lower Upper
105 100
71 5.3 4.6 7.0
51 34.2 28.2 42.2
120 23.4 18.4 27.6





#23
Nitrobenzene-d5
Concen: 72.898 ng
RT: 7.304 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Instrument :

BNA_F

ClientSampleId :

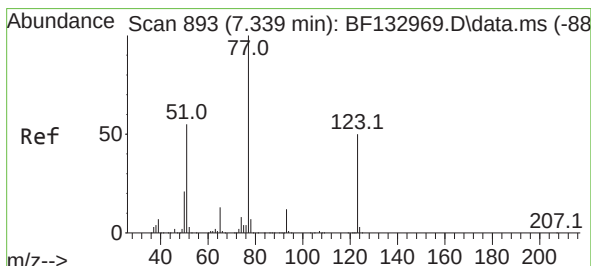
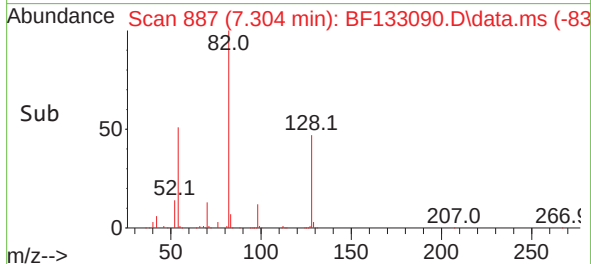
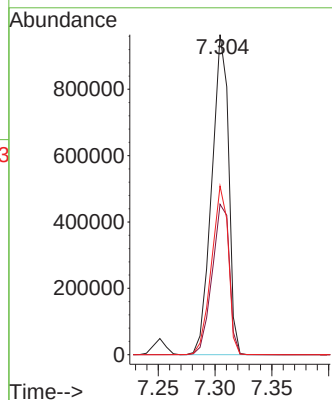
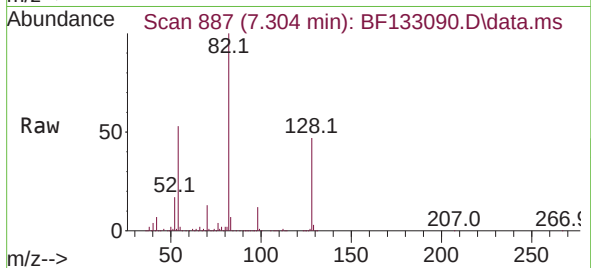
SSTDCCC040

Tgt Ion: 82 Resp: 99262
Ion Ratio Lower Upper
82 100
128 47.0 37.7 56.5
54 52.7 43.0 64.4

Manual Integrations

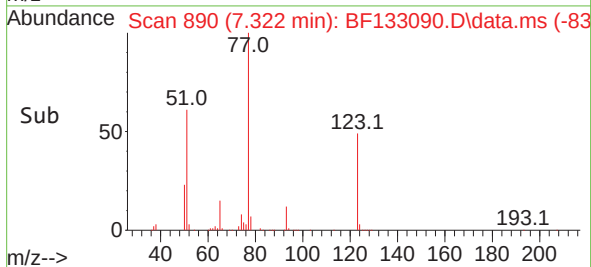
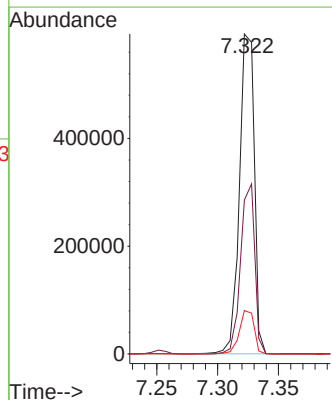
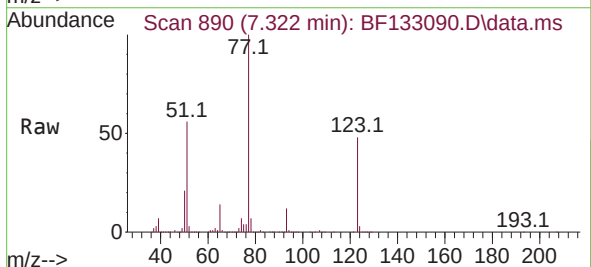
APPROVED

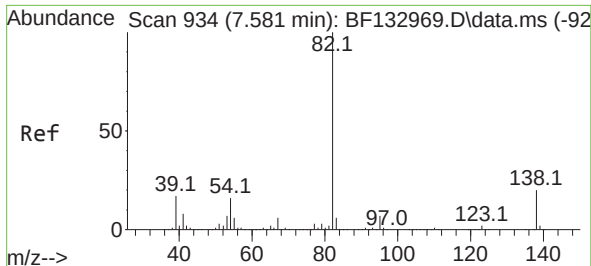
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#24
Nitrobenzene
Concen: 36.561 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

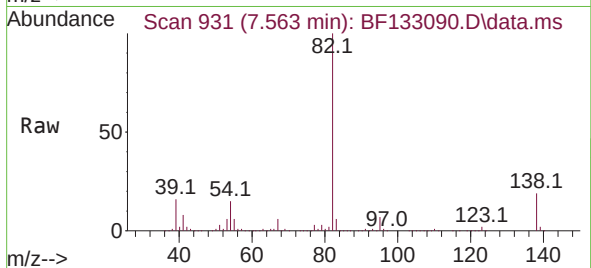
Tgt Ion: 77 Resp: 504475
Ion Ratio Lower Upper
77 100
123 48.1 39.9 59.9
65 13.6 10.7 16.1





#25
Isophorone
Concen: 35.774 ng
RT: 7.563 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

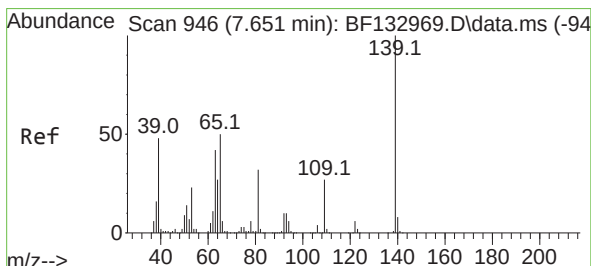
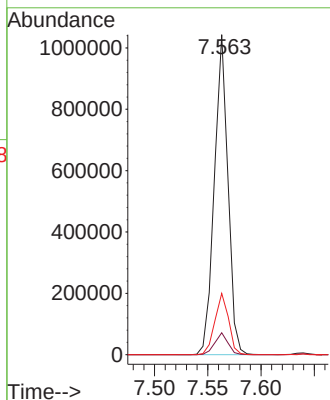
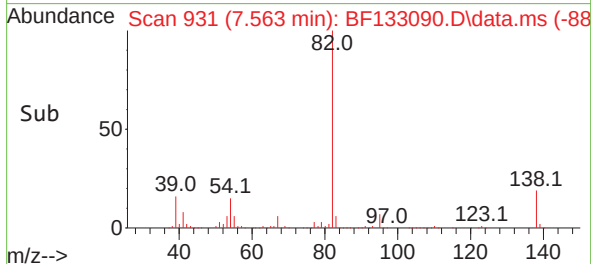
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 82 Resp: 924874
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.0
138 19.1 16.0 24.0

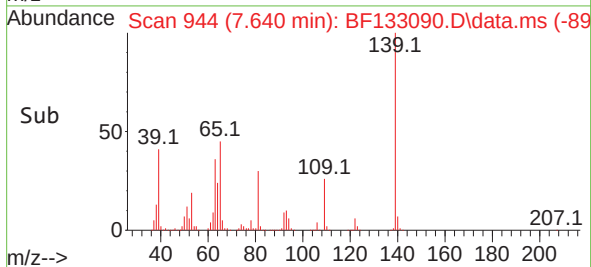
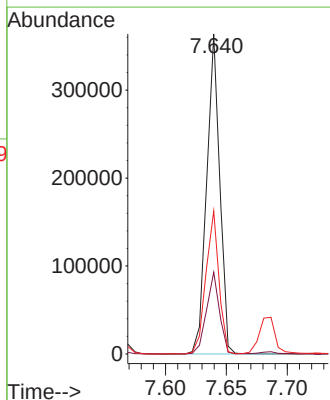
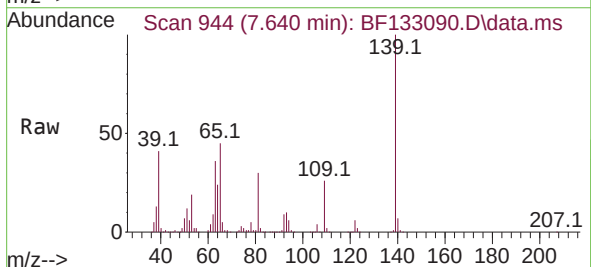
Manual Integrations
APPROVED

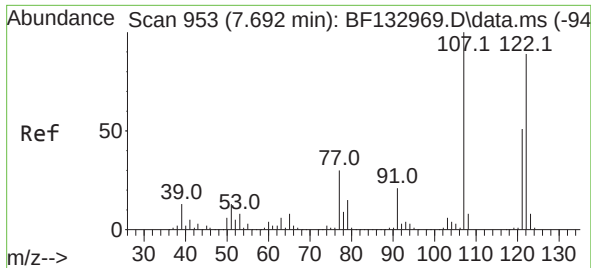
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#26
2-Nitrophenol
Concen: 40.725 ng
RT: 7.640 min Scan# 944
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Tgt Ion:139 Resp: 271034
Ion Ratio Lower Upper
139 100
109 25.5 21.6 32.4
65 44.7 39.8 59.6





#27
2,4-Dimethylphenol
Concen: 37.685 ng
RT: 7.687 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Instrument :

BNA_F

ClientSampleId :

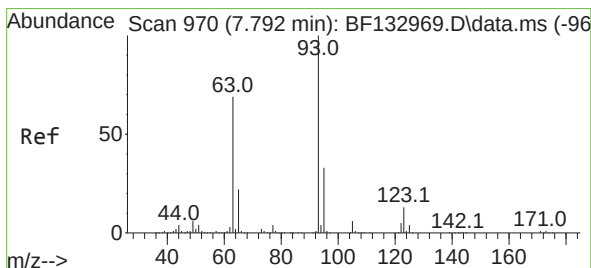
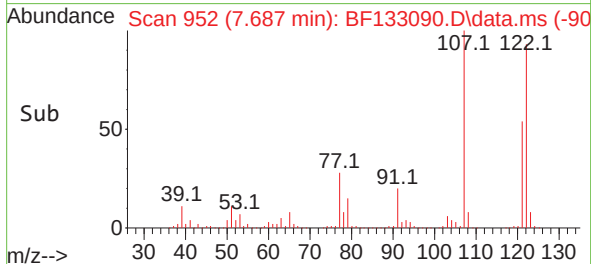
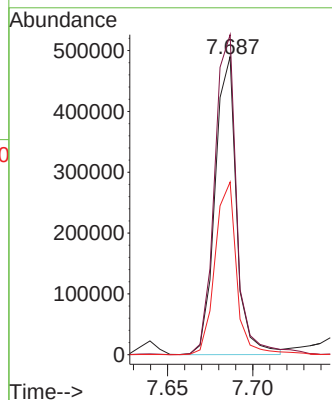
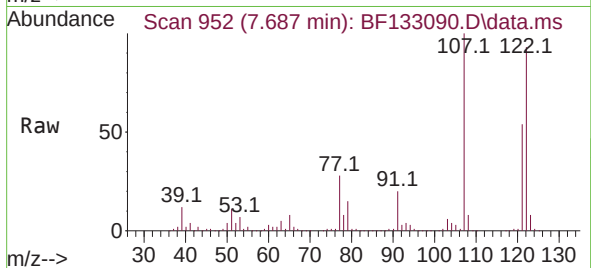
SSTDCCC040

Tgt Ion:122 Resp: 43005
Ion Ratio Lower Upper
122 100
107 107.3 89.7 134.5
121 57.9 46.0 69.0

Manual Integrations

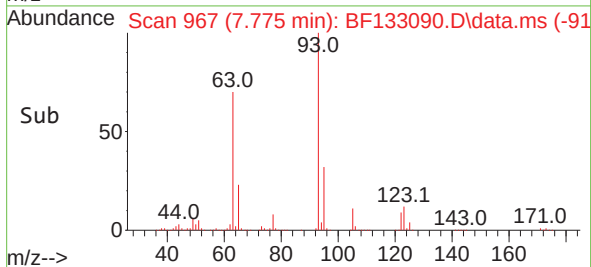
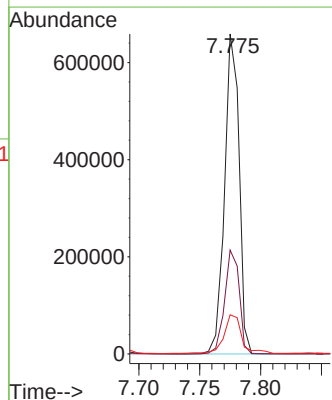
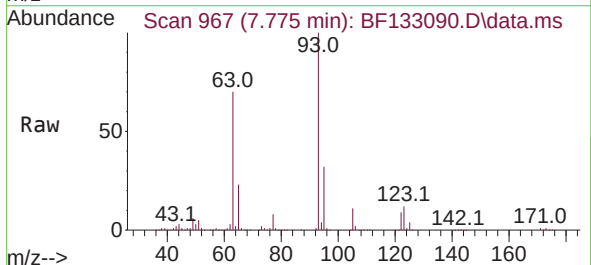
APPROVED

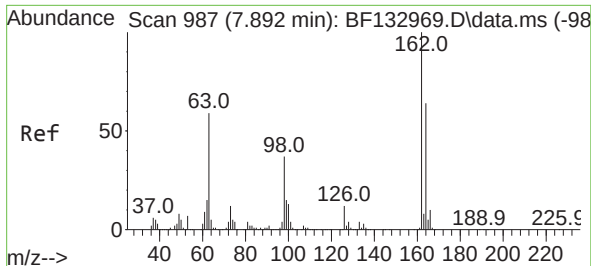
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#28
bis(2-Chloroethoxy)methane
Concen: 35.813 ng
RT: 7.775 min Scan# 967
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Tgt Ion: 93 Resp: 547738
Ion Ratio Lower Upper
93 100
95 32.5 26.4 39.6
123 12.3 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 38.604 ng

RT: 7.887 min Scan# 987

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

Instrument :

BNA_F

ClientSampleId :

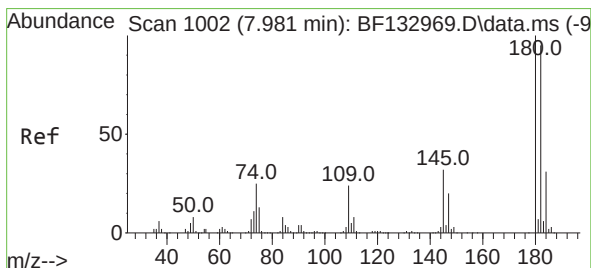
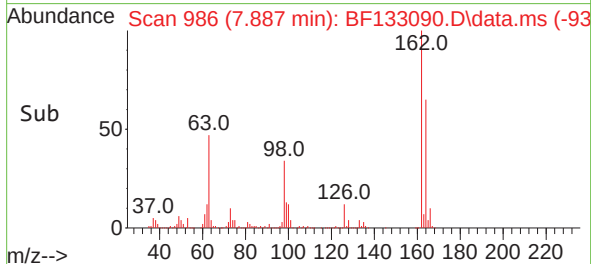
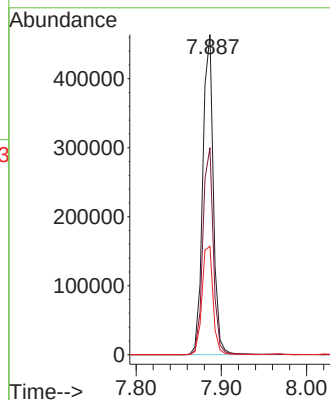
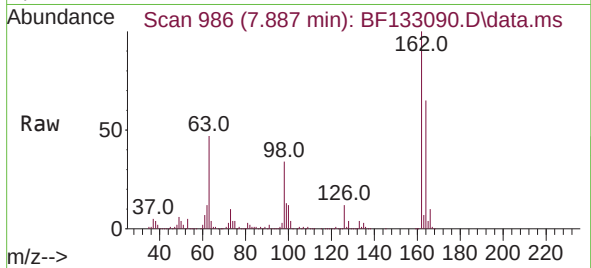
SSTDCCC040

Tgt Ion:162	Resp: 40104
Ion Ratio	Lower Upper
162 100	
164 64.7	43.9 83.9
98 33.9	17.0 57.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#30

1,2,4-Trichlorobenzene

Concen: 38.015 ng

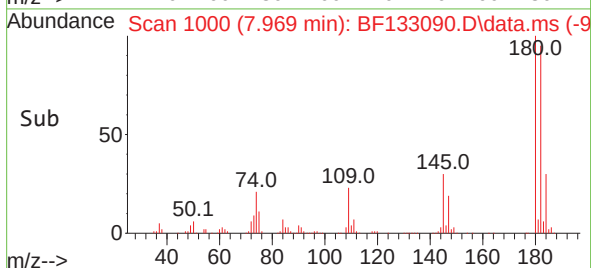
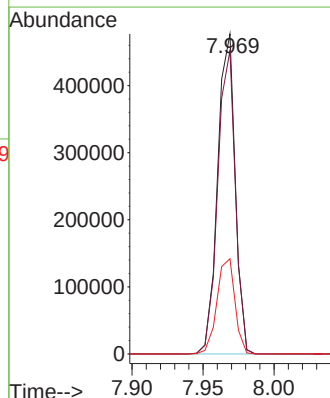
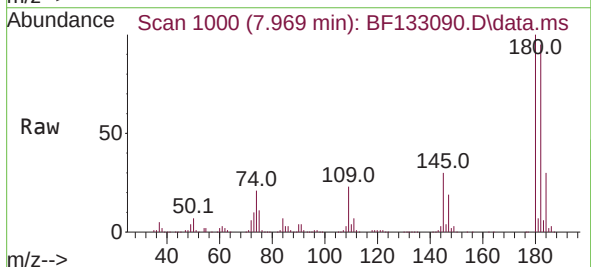
RT: 7.969 min Scan# 1000

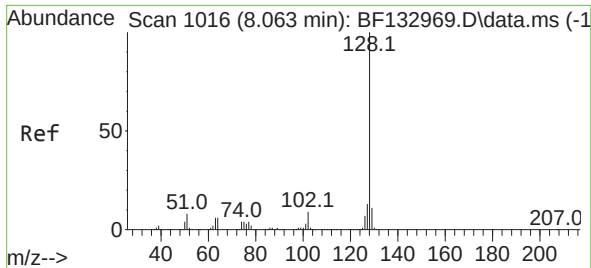
Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

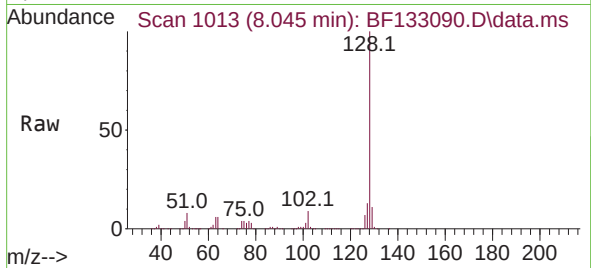
Tgt Ion:180	Resp: 409139
Ion Ratio	Lower Upper
180 100	
182 94.8	75.9 113.9
145 29.8	25.3 37.9





#31
Naphthalene
Concen: 37.427 ng
RT: 8.045 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

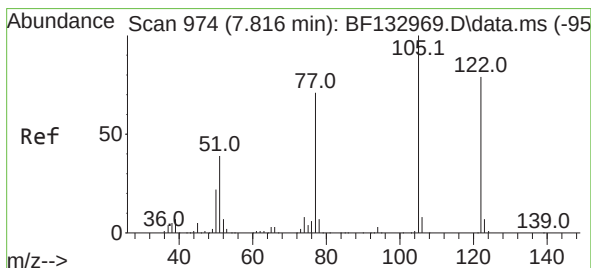
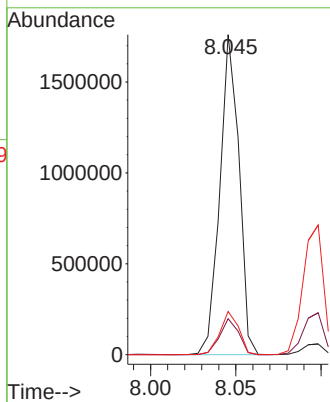
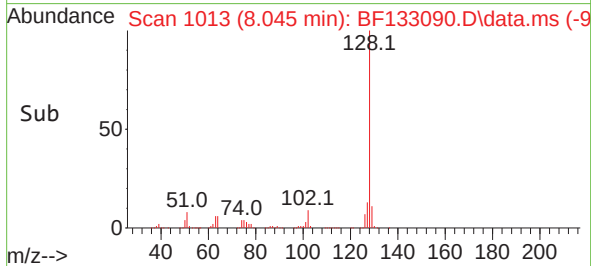
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 1375314
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.5 10.7 16.1

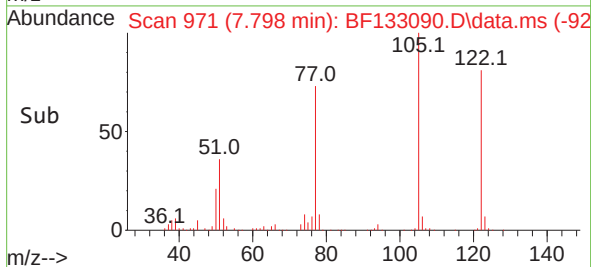
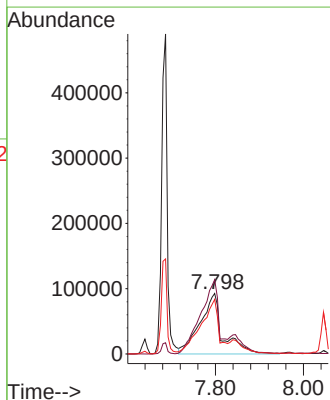
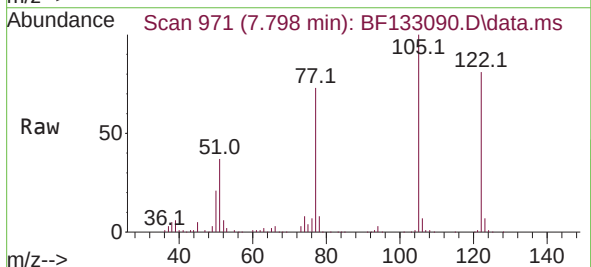
Manual Integrations
APPROVED

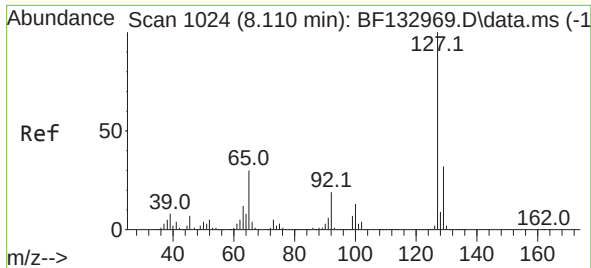
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#32
Benzoic acid
Concen: 47.253 ng m
RT: 7.798 min Scan# 971
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Tgt Ion:122 Resp: 333084
Ion Ratio Lower Upper
122 100
105 122.8 104.2 144.2
77 90.2 69.7 109.7





#33
4-Chloroaniline
Concen: 40.769 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Instrument :

BNA_F

ClientSampleId :

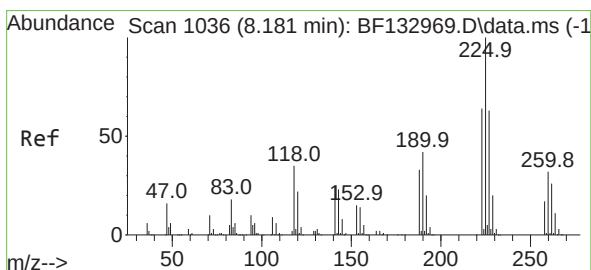
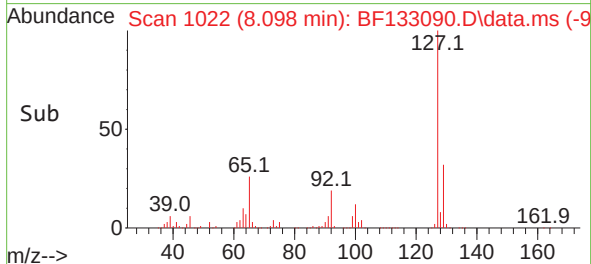
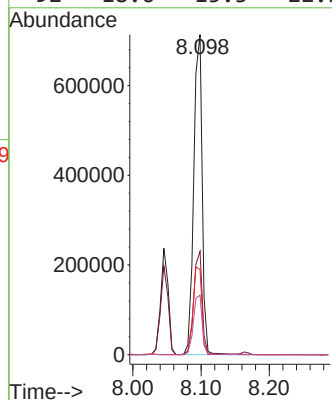
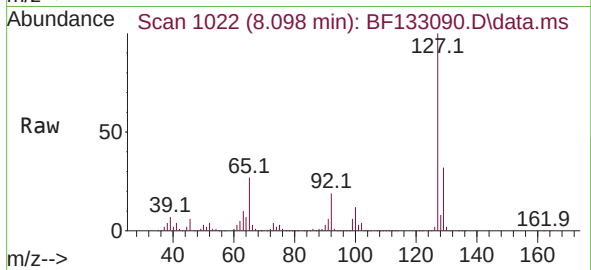
SSTDCCC040

Tgt Ion:127 Resp: 60529
Ion Ratio Lower Upper
127 100
129 32.3 25.8 38.8
65 26.7 23.6 35.4
92 18.6 15.3 22.9

Manual Integrations

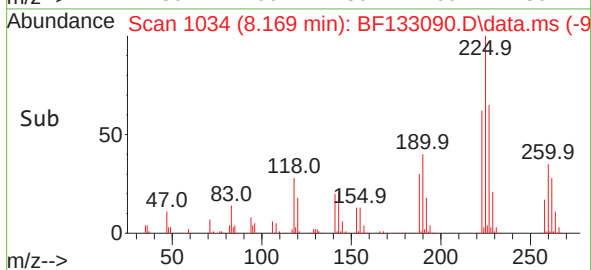
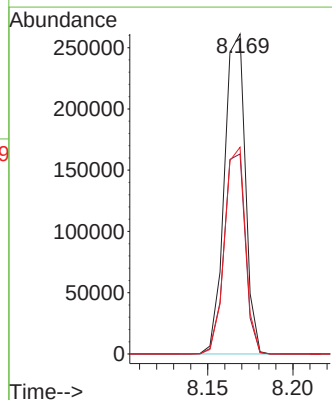
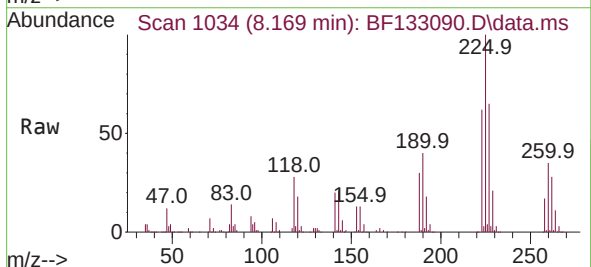
APPROVED

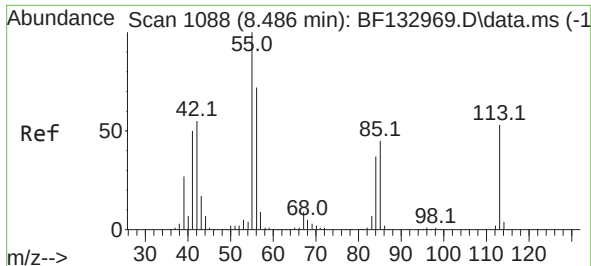
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#34
Hexachlorobutadiene
Concen: 37.405 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

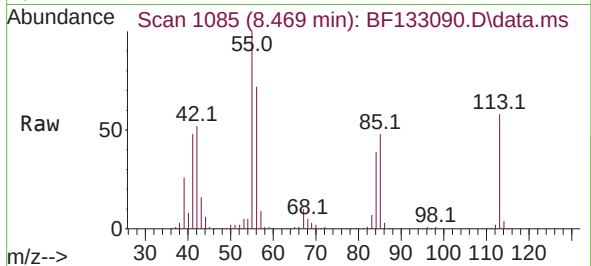
Tgt Ion:225 Resp: 223123
Ion Ratio Lower Upper
225 100
223 62.5 50.9 76.3
227 64.6 50.3 75.5





#35
 Caprolactam
 Concen: 41.771 ng
 RT: 8.469 min Scan# 1085
 Delta R.T. 0.000 min
 Lab File: BF133090.D
 Acq: 27 Apr 2023 09:59

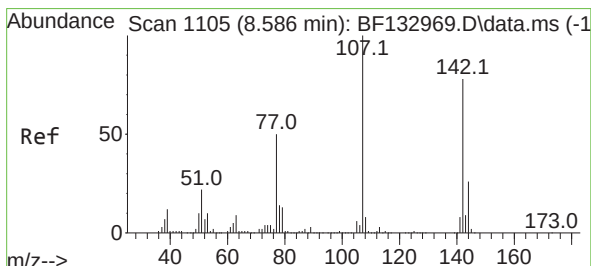
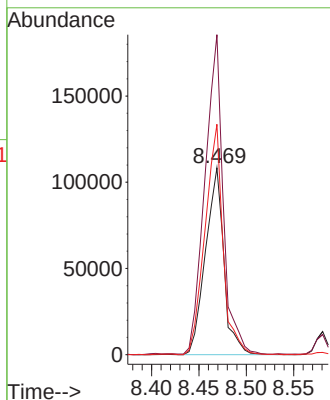
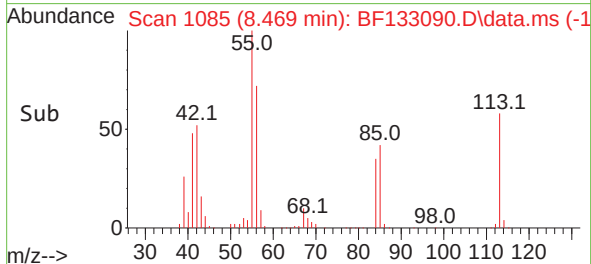
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



Tgt Ion:113 Resp: 145777
 Ion Ratio Lower Upper
 113 100
 55 171.3 167.1 207.1
 56 123.3 114.5 154.5

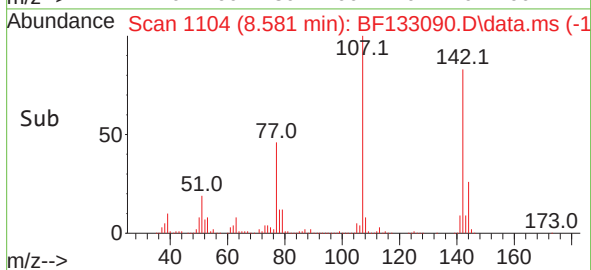
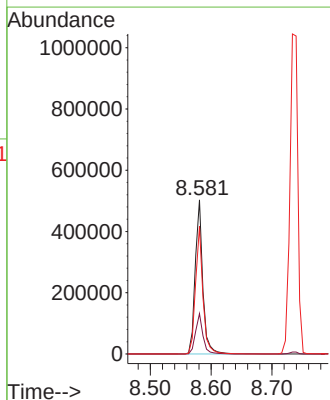
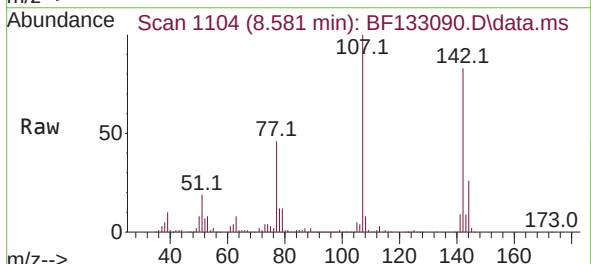
Manual Integrations
 APPROVED

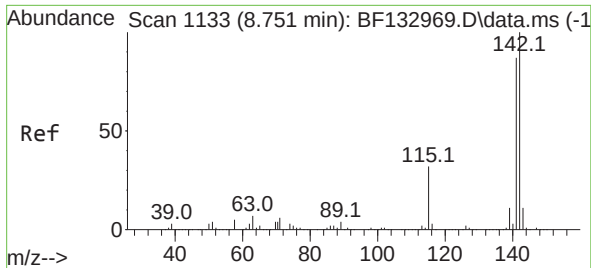
Reviewed By :Christian Giraldo 04/28/2023
 Supervised By :Jagrut Upadhyay 04/28/2023



#36
 4-Chloro-3-methylphenol
 Concen: 38.618 ng
 RT: 8.581 min Scan# 1104
 Delta R.T. 0.000 min
 Lab File: BF133090.D
 Acq: 27 Apr 2023 09:59

Tgt Ion:107 Resp: 432630
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.6 30.8
 142 82.8 62.8 94.2





#37
2-Methylnaphthalene
Concen: 37.597 ng
RT: 8.734 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Instrument :

BNA_F

ClientSampleId :

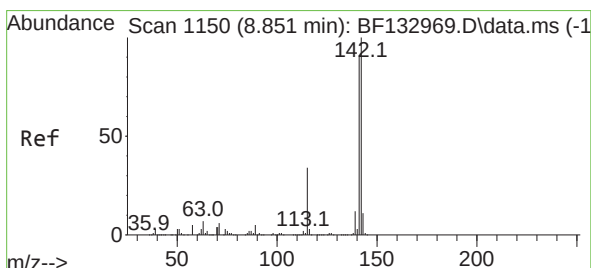
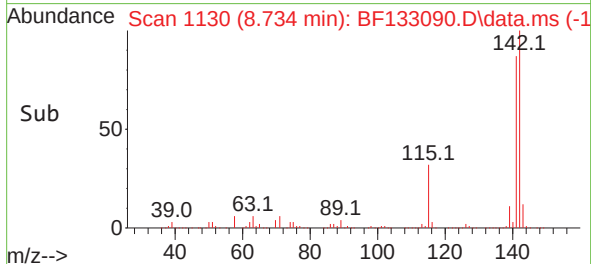
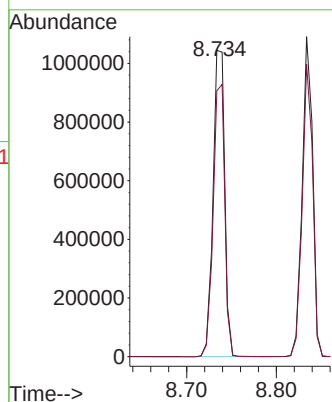
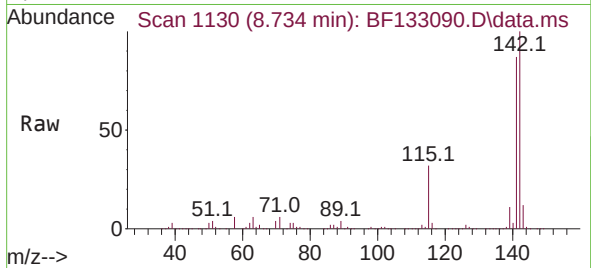
SSTDCCC040

Tgt Ion:142 Resp: 94453
Ion Ratio Lower Upper
142 100
141 86.8 69.4 104.0

Manual Integrations

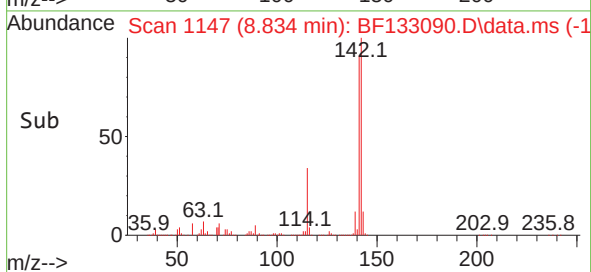
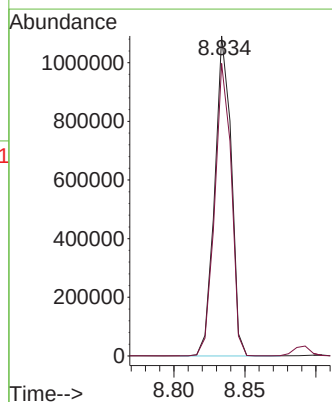
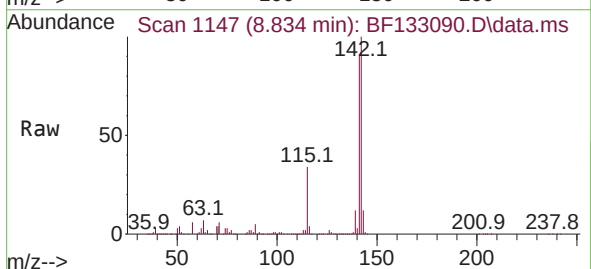
APPROVED

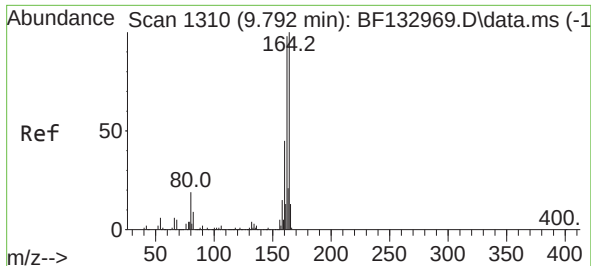
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#38
1-Methylnaphthalene
Concen: 37.702 ng
RT: 8.834 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Tgt Ion:142 Resp: 886081
Ion Ratio Lower Upper
142 100
141 91.4 73.1 109.7





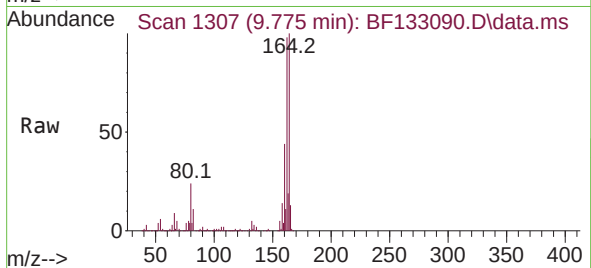
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 11307
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

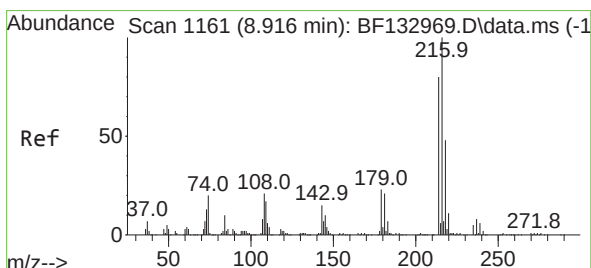
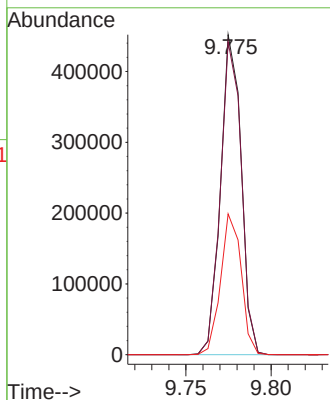
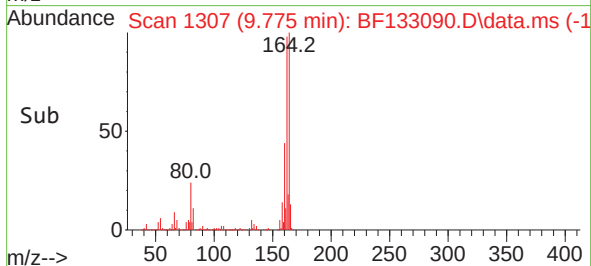


Tgt Ion:164 Resp: 380778
Ion Ratio Lower Upper
164 100
162 97.8 78.7 118.1
160 44.0 35.8 53.6

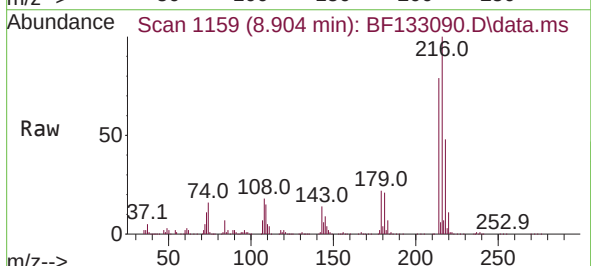
Manual Integrations

APPROVED

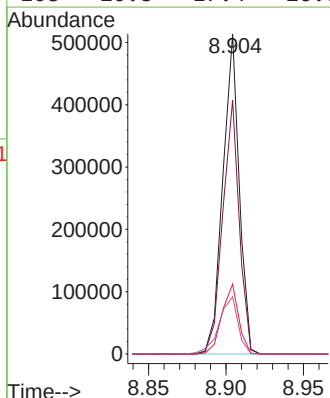
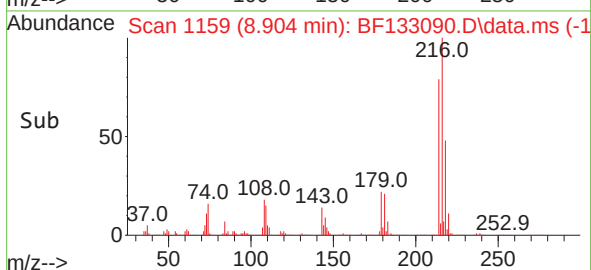
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

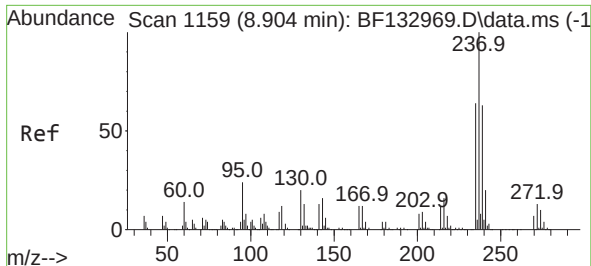


#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.834 ng
RT: 8.904 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59



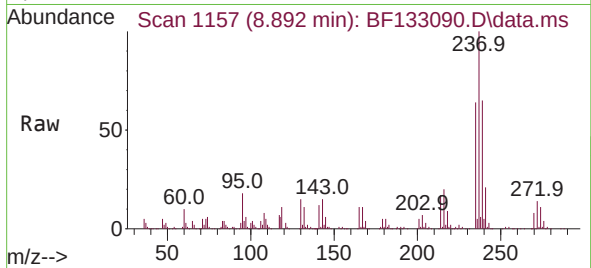
Tgt Ion:216 Resp: 377108
Ion Ratio Lower Upper
216 100
214 79.7 63.5 95.3
179 22.3 17.4 26.2
108 20.8 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 37.087 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

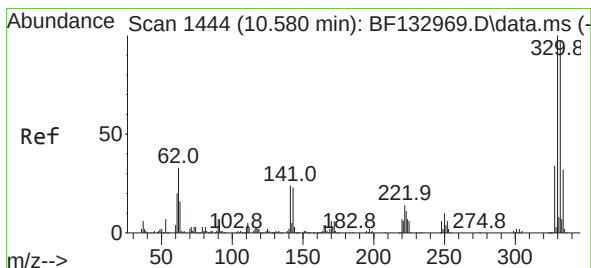
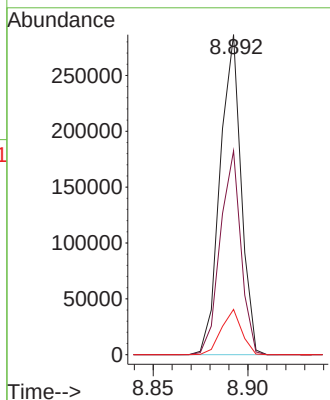
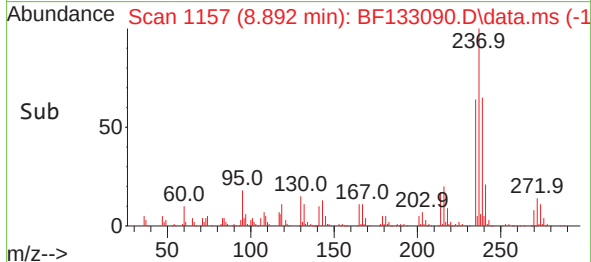
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



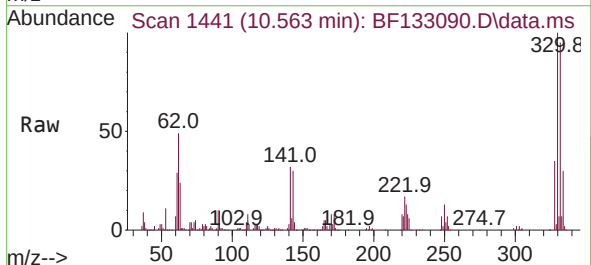
Tgt Ion:237 Resp: 221444
Ion Ratio Lower Upper
237 100
235 63.7 43.5 83.5
272 14.1 0.0 32.7

Manual Integrations
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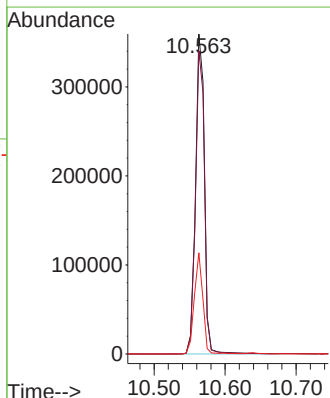
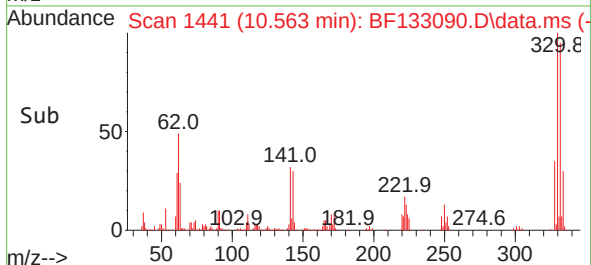
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

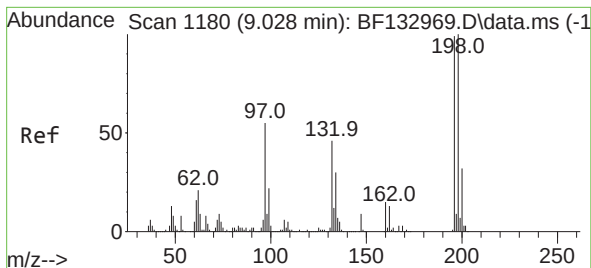


#42
2,4,6-Tribromophenol
Concen: 82.022 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59



Tgt Ion:330 Resp: 314099
Ion Ratio Lower Upper
330 100
332 95.1 77.1 115.7
141 30.3 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 37.335 ng

RT: 9.016 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

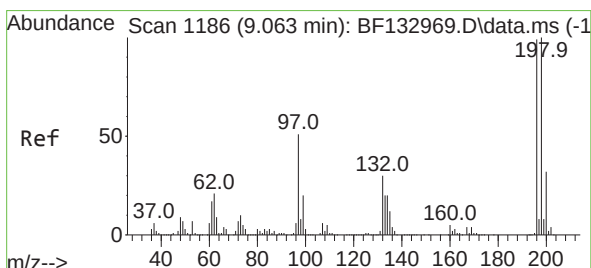
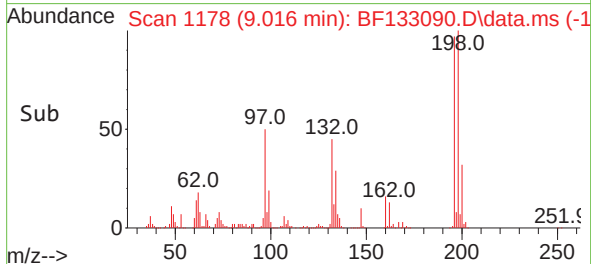
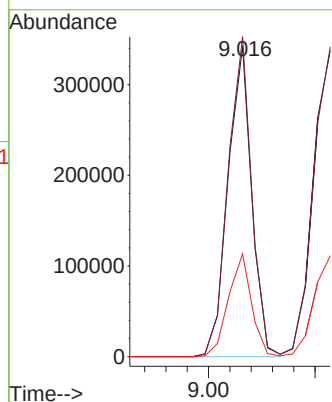
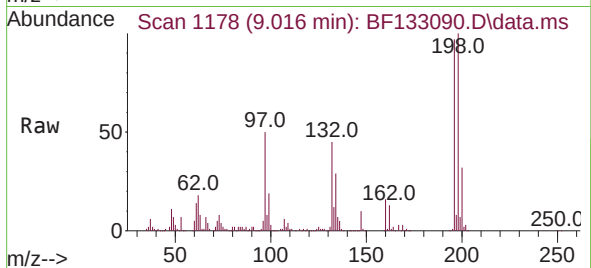
Tgt Ion:196 Resp: 26434
 Ion Ratio Lower Upper
 196 100
 198 103.0 81.0 121.6
 200 33.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#44

2,4,5-Trichlorophenol

Concen: 39.371 ng

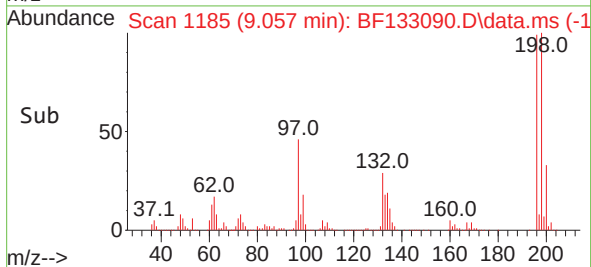
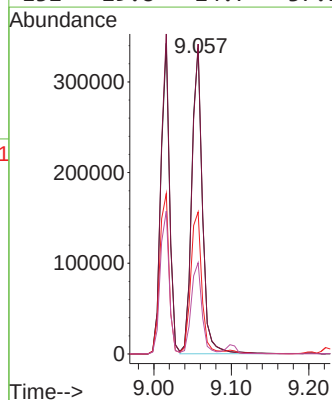
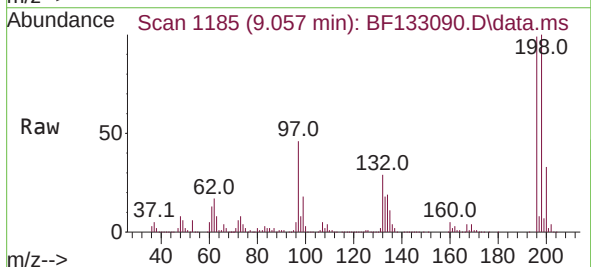
RT: 9.057 min Scan# 1185

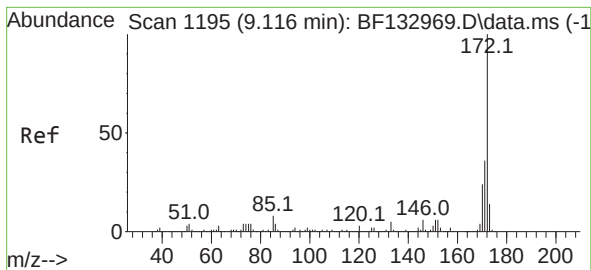
Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

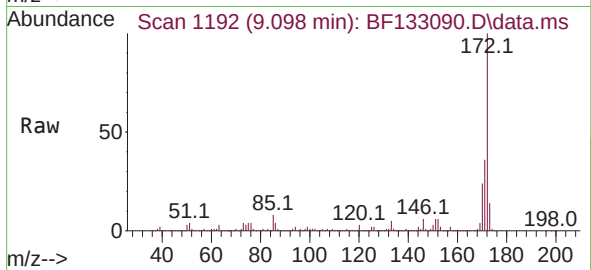
Tgt Ion:196 Resp: 322396
 Ion Ratio Lower Upper
 196 100
 198 101.3 80.9 121.3
 97 46.4 41.3 61.9
 132 29.8 24.7 37.1





#45
2-Fluorobiphenyl
Concen: 76.969 ng
RT: 9.098 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

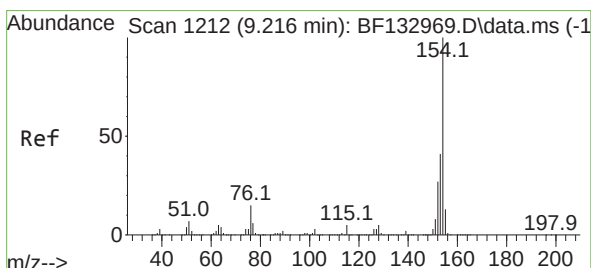
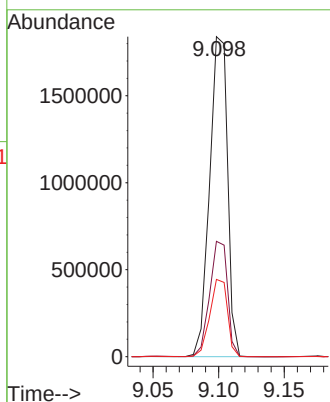
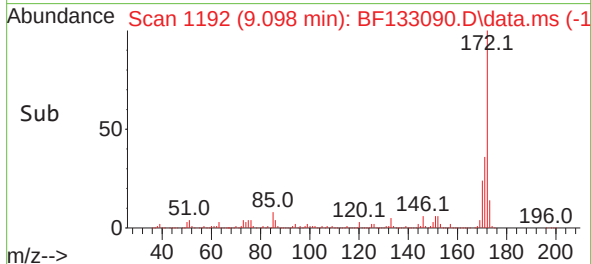
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



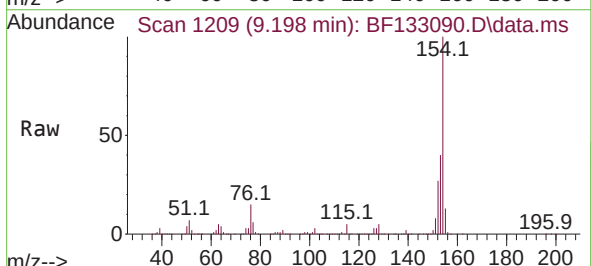
Tgt Ion:172 Resp: 1751829
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 24.2 19.4 29.2

Manual Integrations
APPROVED

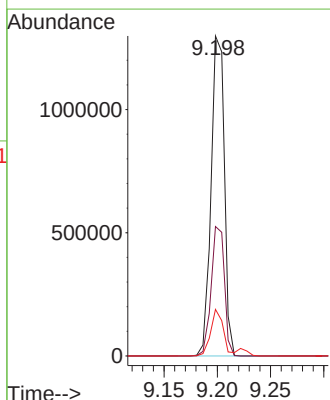
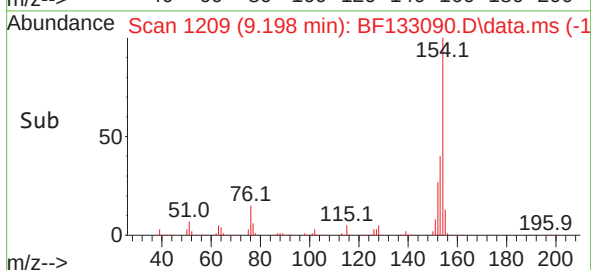
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

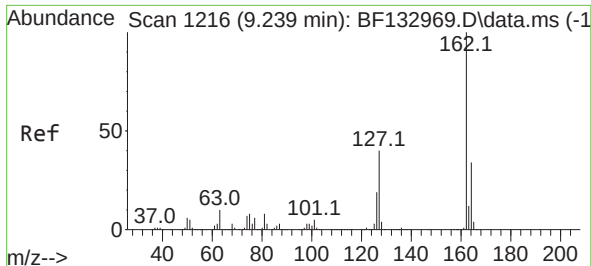


#46
1,1'-Biphenyl
Concen: 37.190 ng
RT: 9.198 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59



Tgt Ion:154 Resp: 1122922
Ion Ratio Lower Upper
154 100
153 40.5 21.0 61.0
76 14.5 0.0 34.5





#47
2-Chloronaphthalene
Concen: 37.572 ng
RT: 9.222 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Instrument :

BNA_F

ClientSampleId :

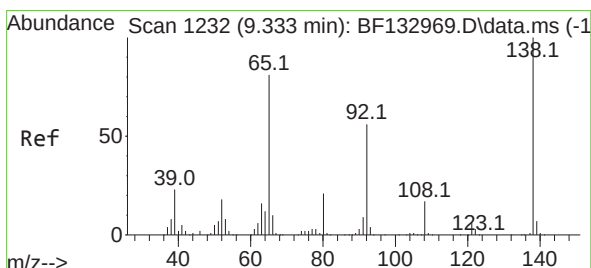
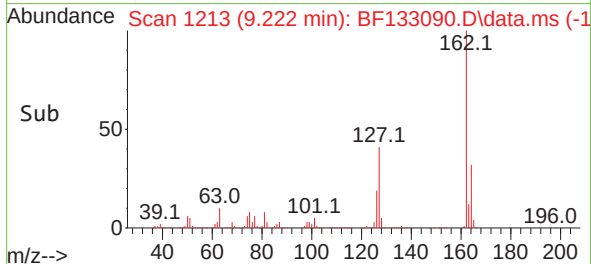
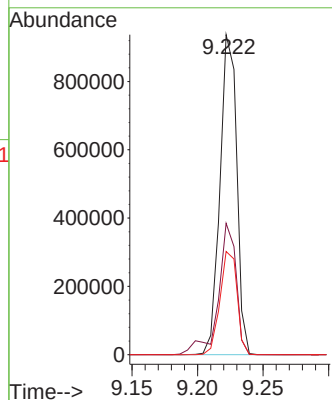
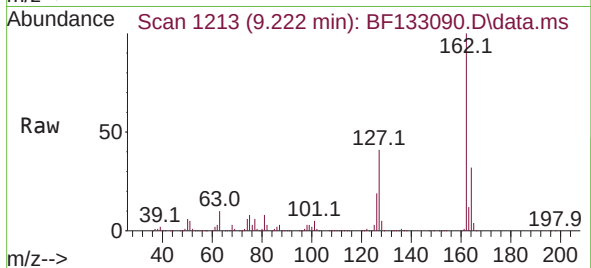
SSTDCCC040

Tgt Ion:162 Resp: 830340
Ion Ratio Lower Upper
162 100
127 41.1 32.3 48.5
164 32.3 26.8 40.2

Manual Integrations

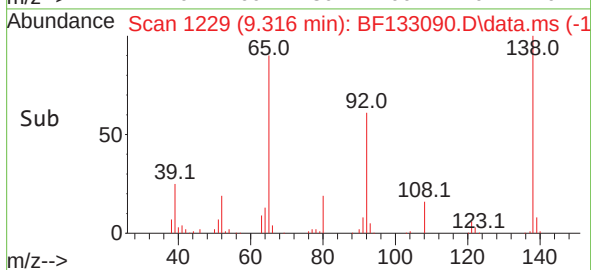
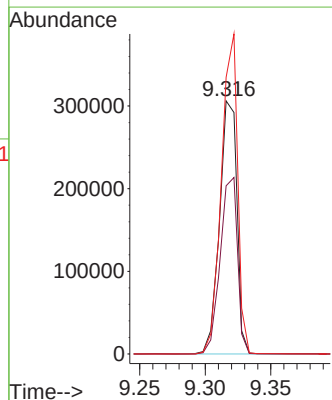
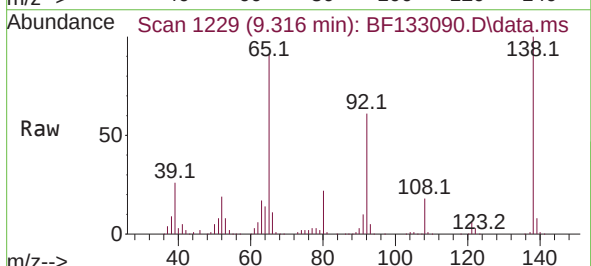
APPROVED

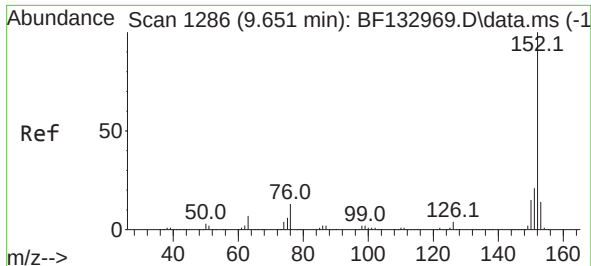
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#48
2-Nitroaniline
Concen: 38.537 ng
RT: 9.316 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Tgt Ion: 65 Resp: 281471
Ion Ratio Lower Upper
65 100
92 66.4 55.4 83.0
138 109.3 98.2 147.2





#49

Acenaphthylene

Concen: 37.442 ng

RT: 9.639 min Scan# 1284

Delta R.T. 0.000 min

Lab File: BF133090.D

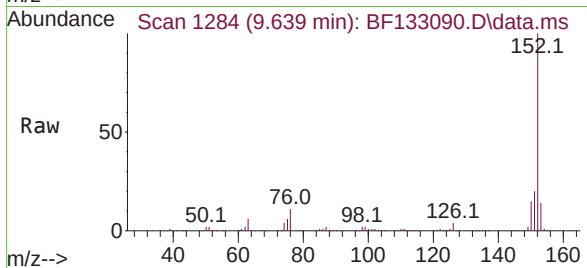
Acq: 27 Apr 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



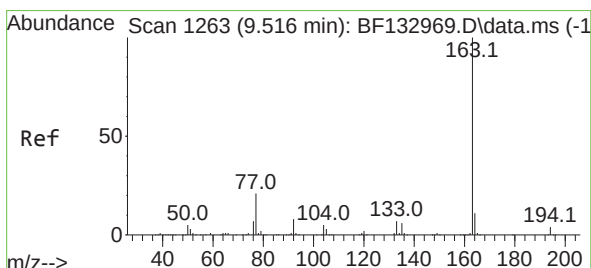
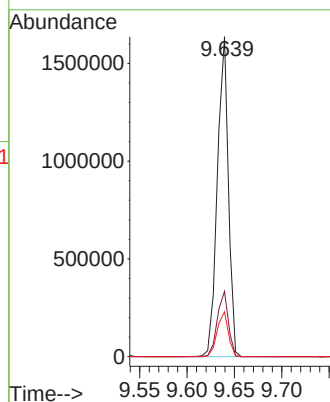
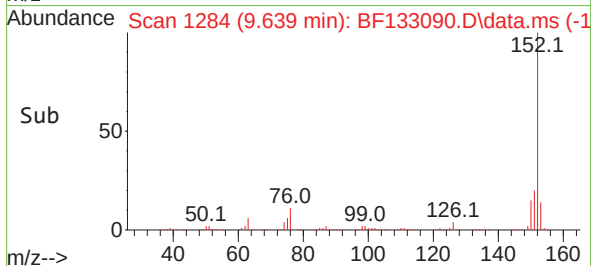
Tgt Ion:152 Resp: 132217

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.6	24.8
153	14.0	11.5	17.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#50

Dimethylphthalate

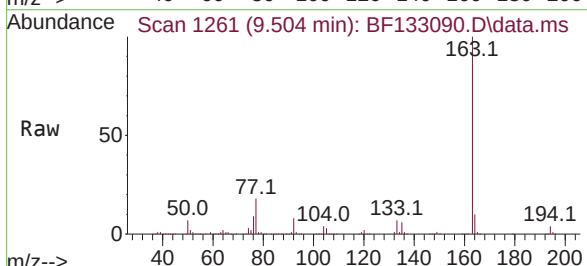
Concen: 37.840 ng

RT: 9.504 min Scan# 1261

Delta R.T. 0.000 min

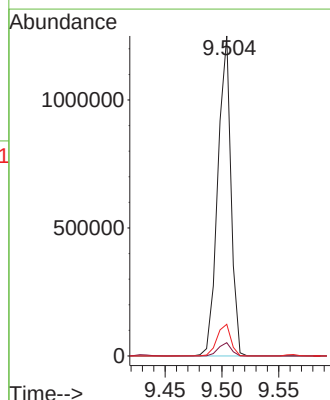
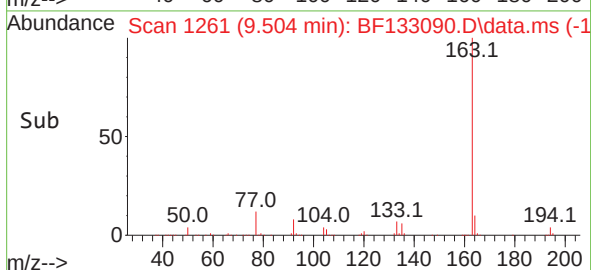
Lab File: BF133090.D

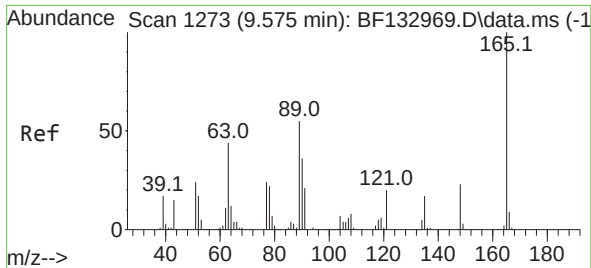
Acq: 27 Apr 2023 09:59



Tgt Ion:163 Resp: 1004697

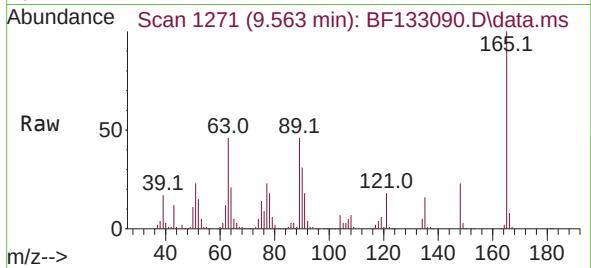
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	9.9	8.5	12.7





#51
2,6-Dinitrotoluene
Concen: 39.709 ng
RT: 9.563 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

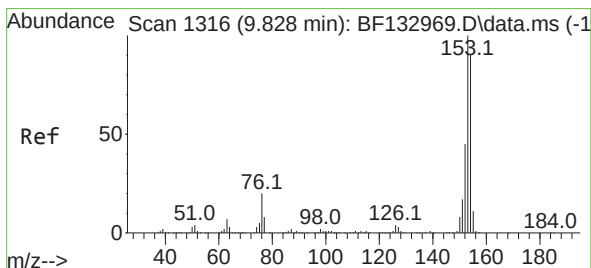
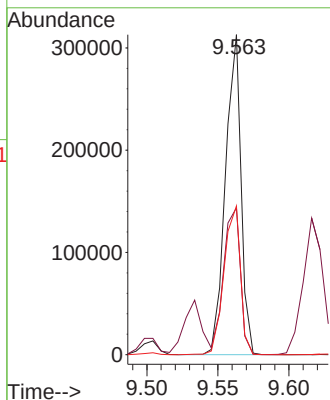
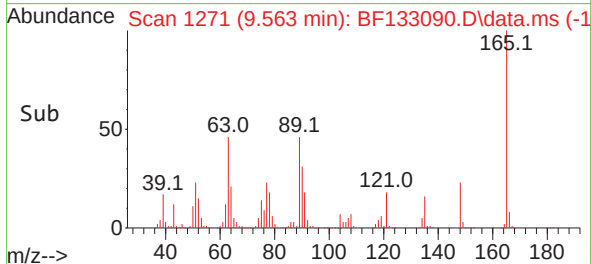
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:165 Resp: 237297
Ion Ratio Lower Upper
165 100
63 45.9 45.9 68.9
89 46.4 44.0 66.0

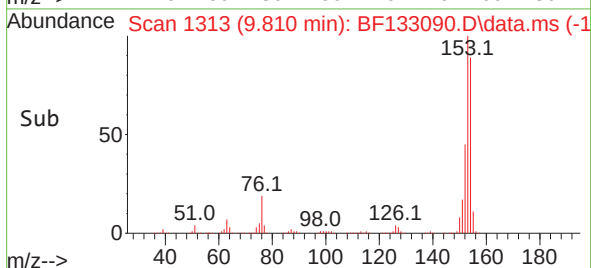
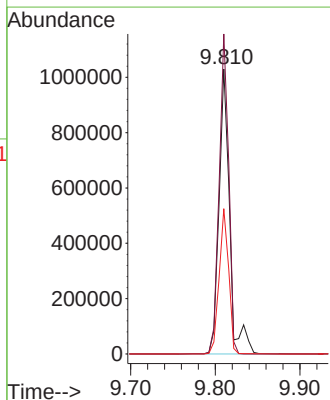
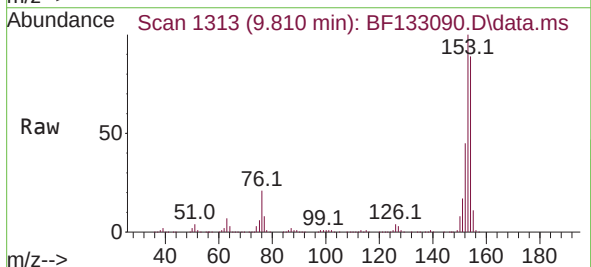
Manual Integrations
APPROVED

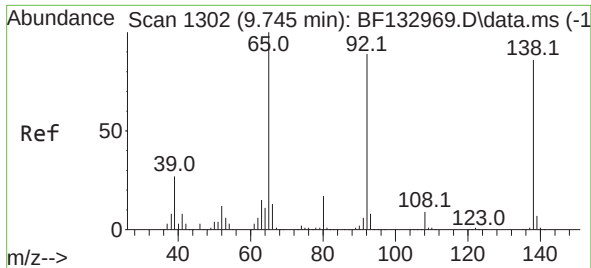
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#52
Acenaphthene
Concen: 37.703 ng m
RT: 9.810 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Tgt Ion:154 Resp: 891697
Ion Ratio Lower Upper
154 100
153 112.3 89.0 133.6
152 51.0 40.4 60.6





#53
3-Nitroaniline
Concen: 41.154 ng
RT: 9.734 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Instrument :

BNA_F

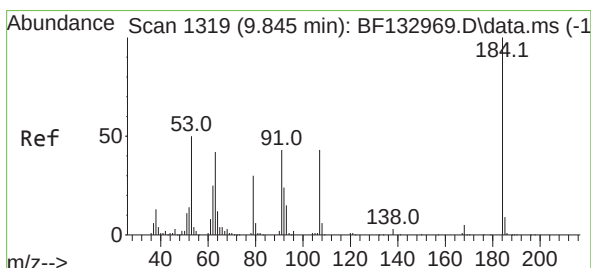
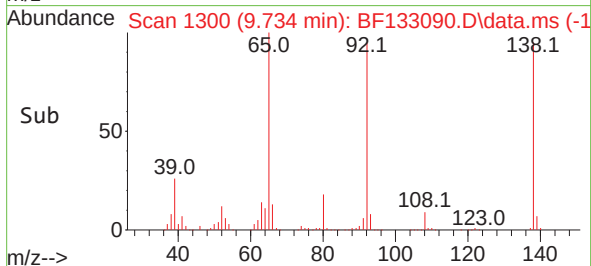
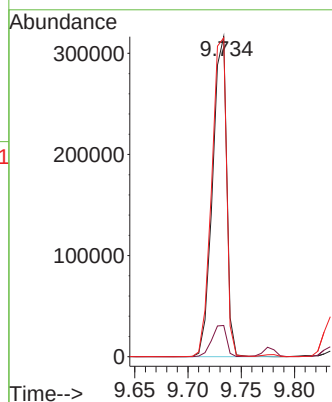
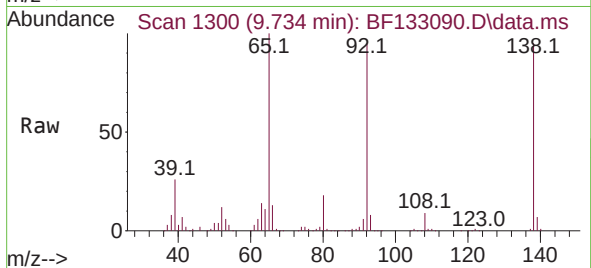
ClientSampleId :

SSTDCCC040

Tgt Ion:138 Resp: 29242
Ion Ratio Lower Upper
138 100
108 9.8 8.0 12.0
92 99.6 83.6 125.4

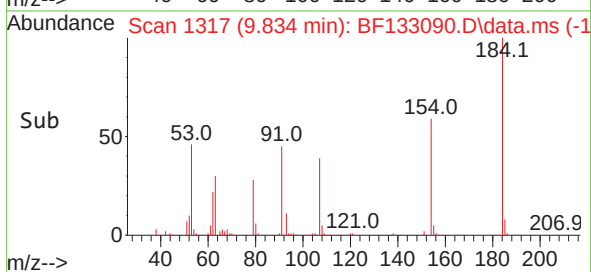
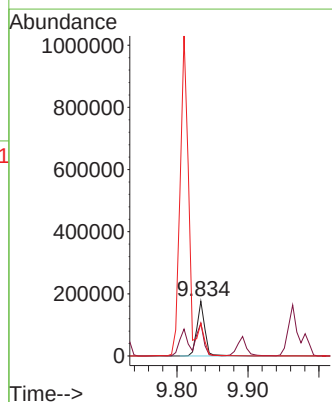
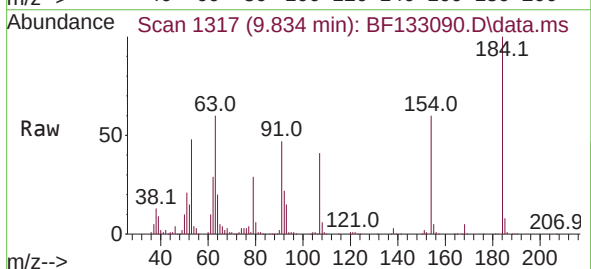
Manual Integrations
APPROVED

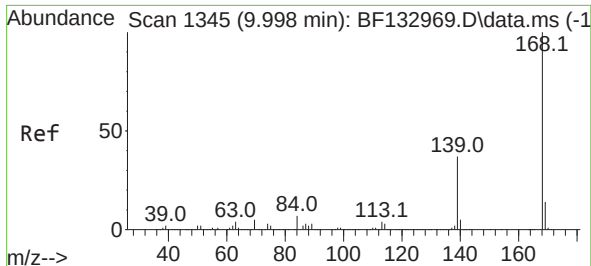
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#54
2,4-Dinitrophenol
Concen: 45.601 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Tgt Ion:184 Resp: 136975
Ion Ratio Lower Upper
184 100
63 60.0 49.8 74.8
154 59.7 49.5 74.3





#55

Dibenzofuran

Concen: 37.487 ng

RT: 9.981 min Scan# 1342

Delta R.T. 0.000 min

Lab File: BF133090.D

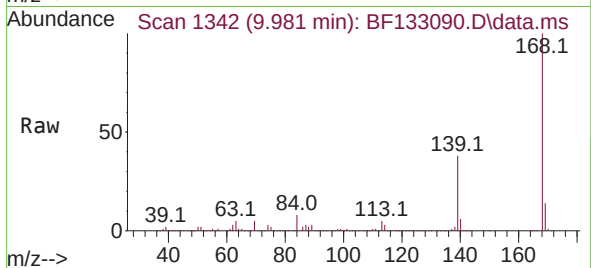
Acq: 27 Apr 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:168 Resp: 1209408

Ion Ratio Lower Upper

168 100

139 38.0 29.8 44.8

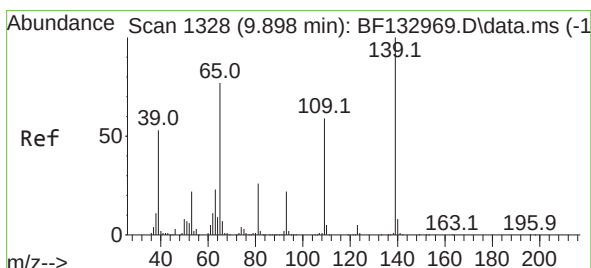
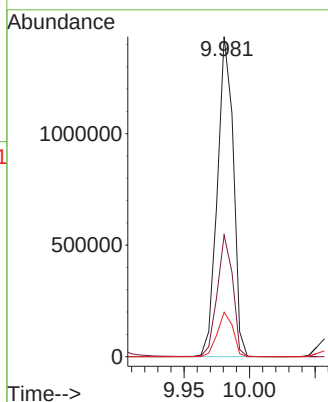
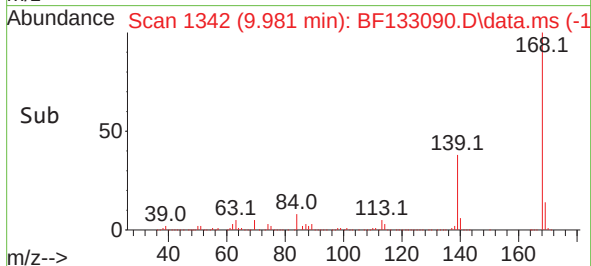
169 13.9 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#56

4-Nitrophenol

Concen: 40.468 ng

RT: 9.892 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

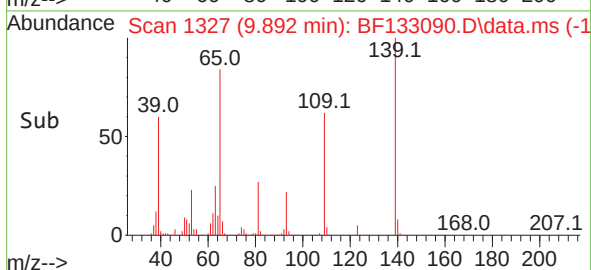
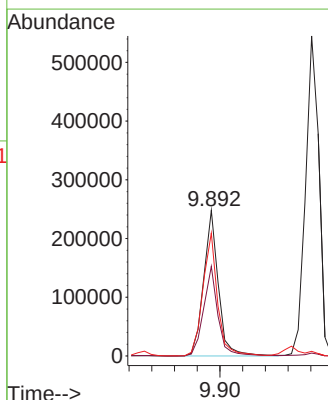
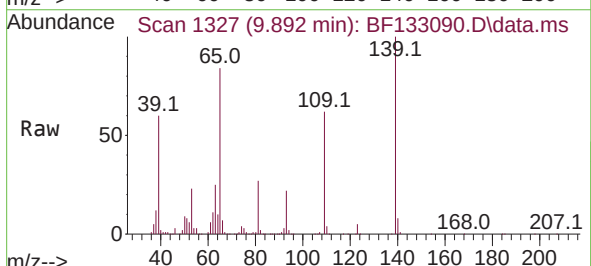
Tgt Ion:139 Resp: 222708

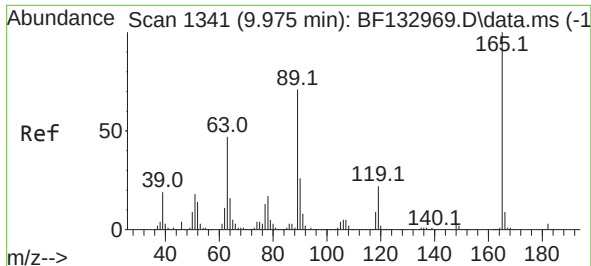
Ion Ratio Lower Upper

139 100

109 61.5 39.4 79.4

65 84.4 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 41.275 ng

RT: 9.963 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 314550

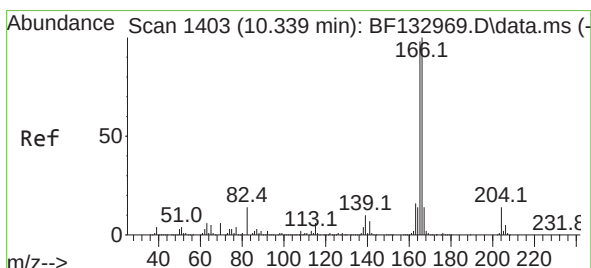
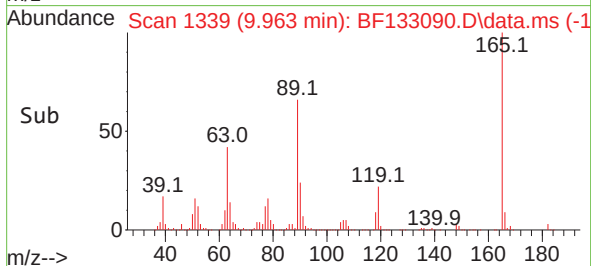
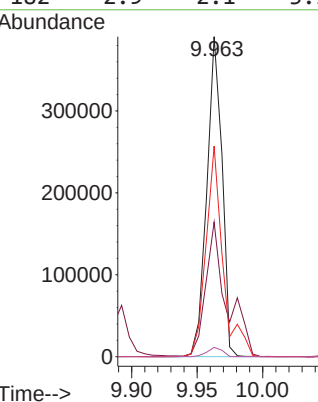
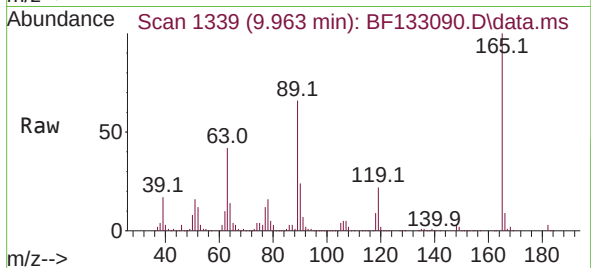
Ion	Ratio	Lower	Upper
165	100		
63	42.0	37.7	56.5
89	65.8	57.0	85.4
182	2.9	2.1	3.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#58

Fluorene

Concen: 38.558 ng

RT: 10.328 min Scan# 1401

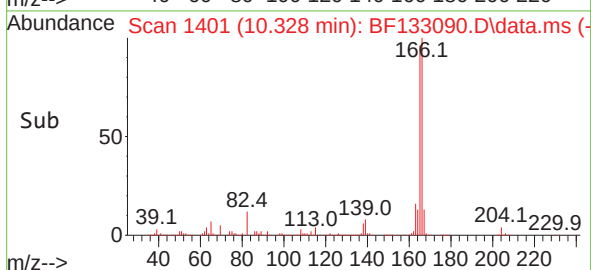
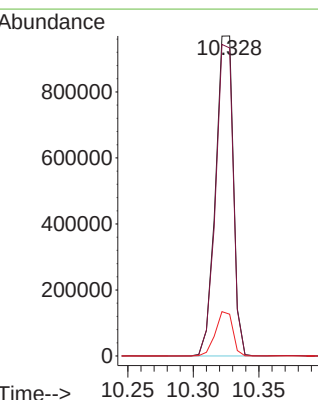
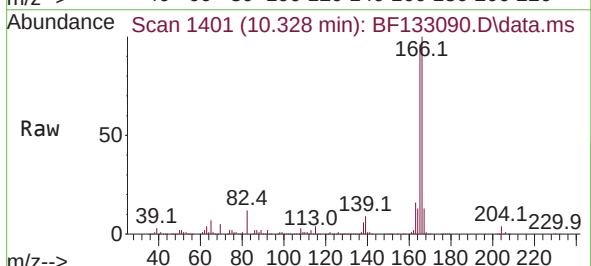
Delta R.T. 0.000 min

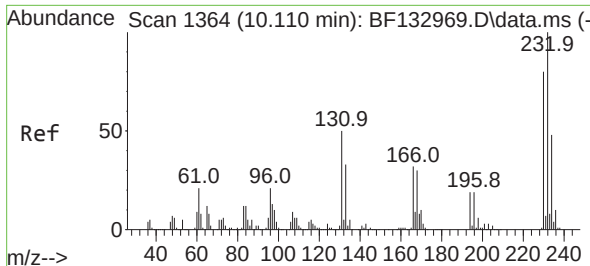
Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

Tgt Ion:166 Resp: 911354

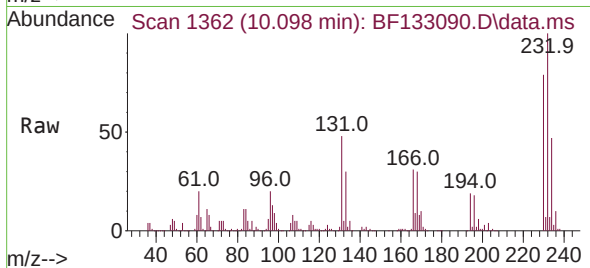
Ion	Ratio	Lower	Upper
166	100		
165	96.3	78.6	117.8
167	13.1	11.0	16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.306 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

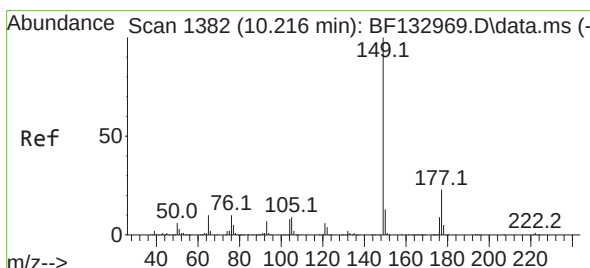
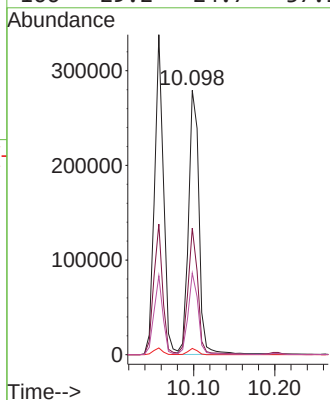
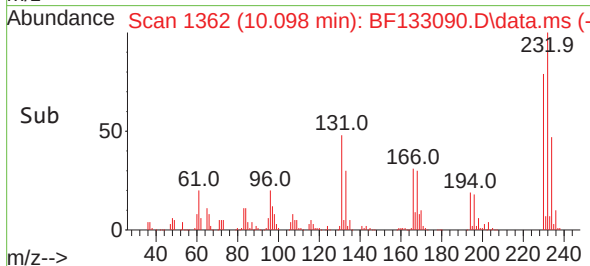
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



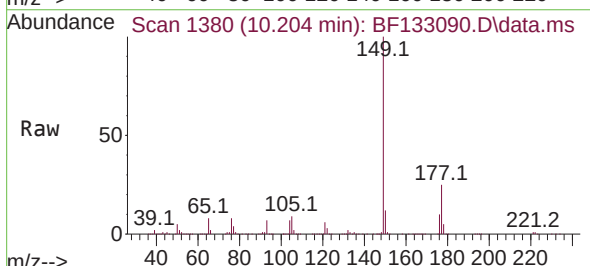
Tgt Ion:232 Resp: 249528
Ion Ratio Lower Upper
232 100
131 44.8 38.0 57.0
130 2.1 1.8 2.8
166 29.2 24.7 37.1

Manual Integrations
APPROVED

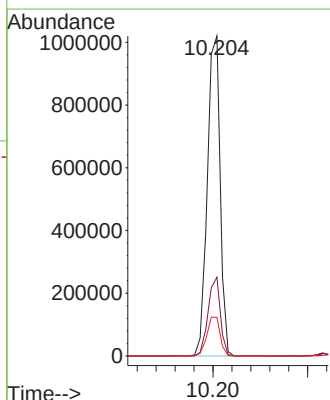
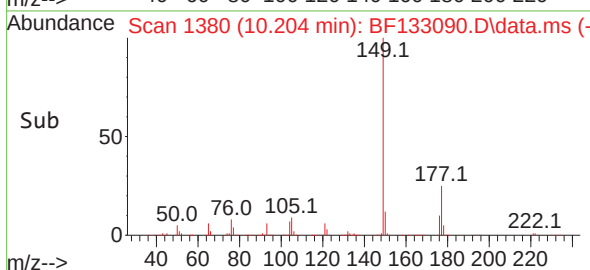
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

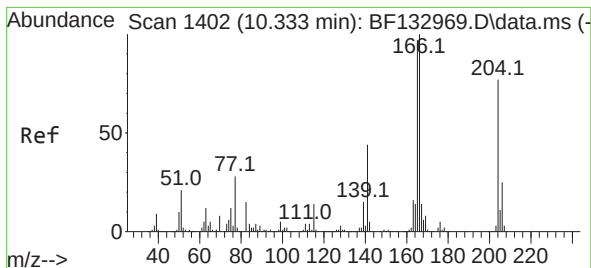


#60
Diethylphthalate
Concen: 38.079 ng
RT: 10.204 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59



Tgt Ion:149 Resp: 954977
Ion Ratio Lower Upper
149 100
177 24.6 18.2 27.4
150 12.1 10.2 15.4





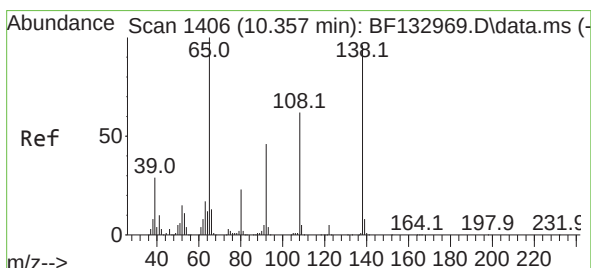
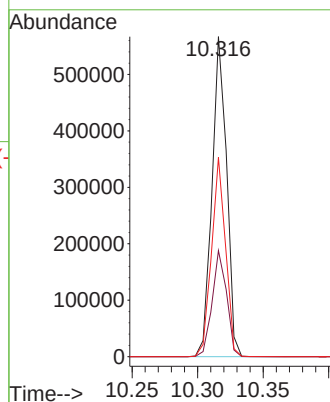
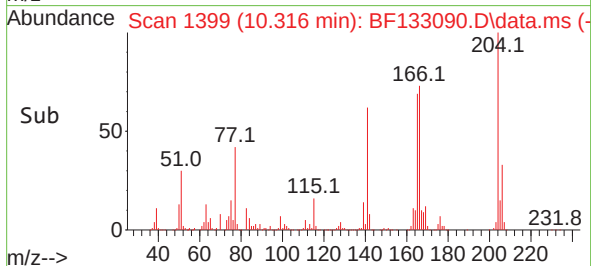
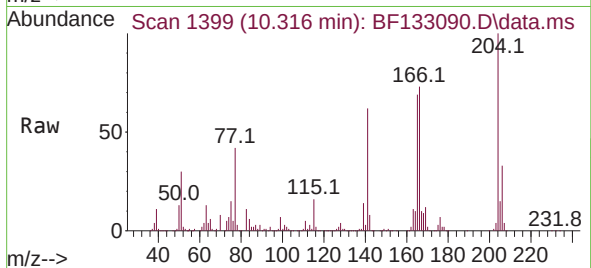
#61
4-Chlorophenyl-phenylether
Concen: 38.129 ng
RT: 10.316 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 439184
Ion Ratio Lower Upper
204 100
206 33.2 26.1 39.1
141 62.2 46.1 69.1

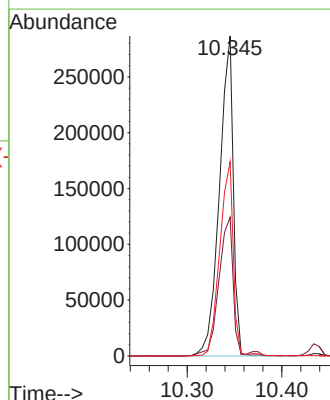
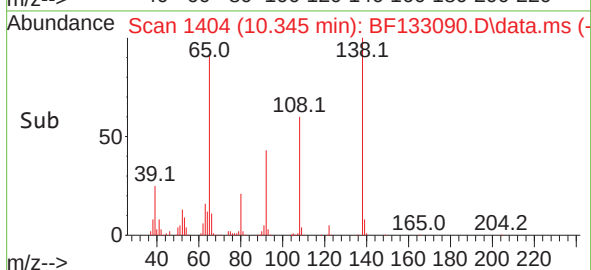
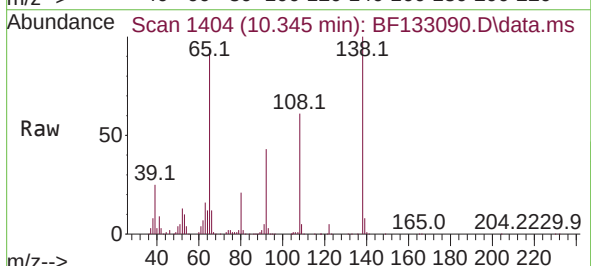
Manual Integrations
APPROVED

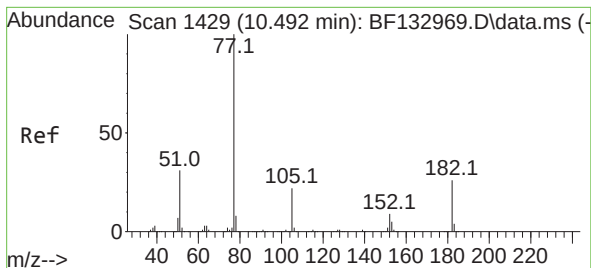
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#62
4-Nitroaniline
Concen: 44.641 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

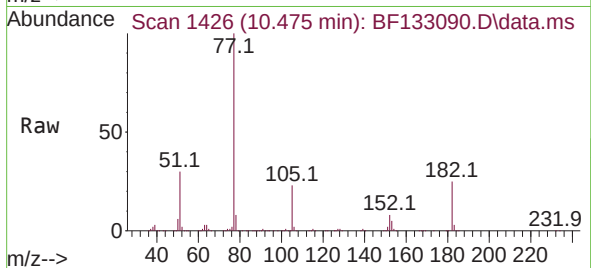
Tgt Ion:138 Resp: 291535
Ion Ratio Lower Upper
138 100
92 43.4 27.7 67.7
108 60.7 45.2 85.2





#63
Azobenzene
Concen: 35.403 ng
RT: 10.475 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

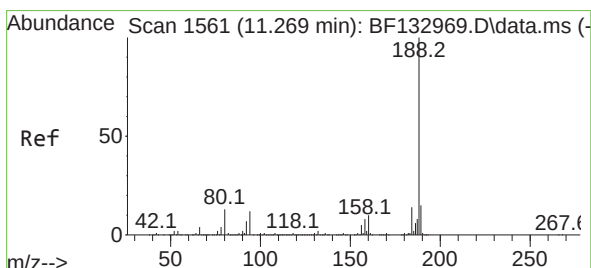
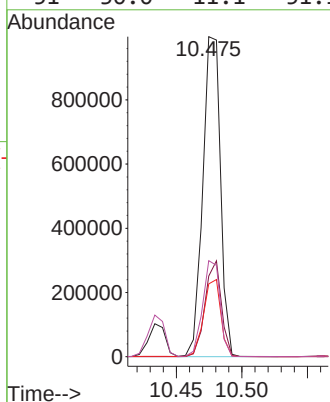
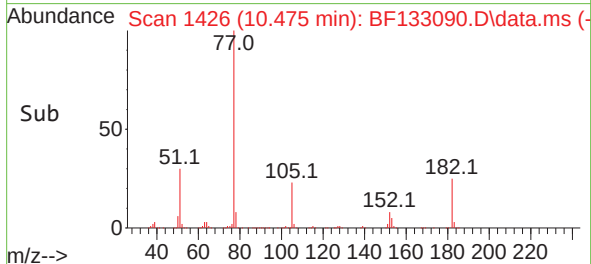
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



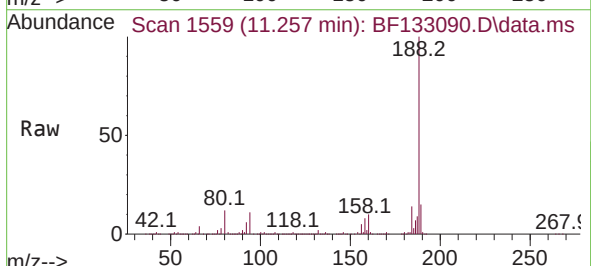
Tgt Ion: 77 Resp: 940554
Ion Ratio Lower Upper
77 100
182 25.2 5.9 45.9
105 22.8 2.3 42.3
51 30.0 11.1 51.1

Manual Integrations
APPROVED

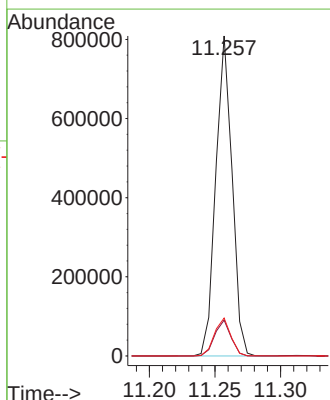
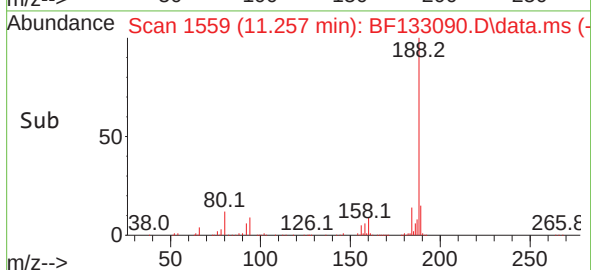
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

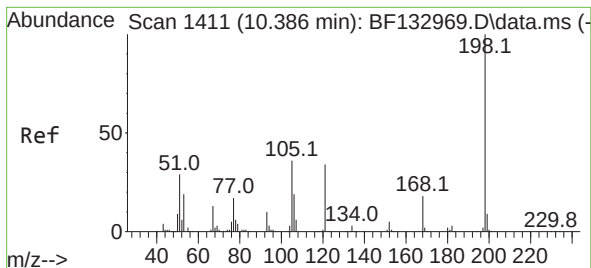


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.257 min Scan# 1559
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59



Tgt Ion:188 Resp: 697429
Ion Ratio Lower Upper
188 100
94 11.2 9.7 14.5
80 11.9 10.4 15.6





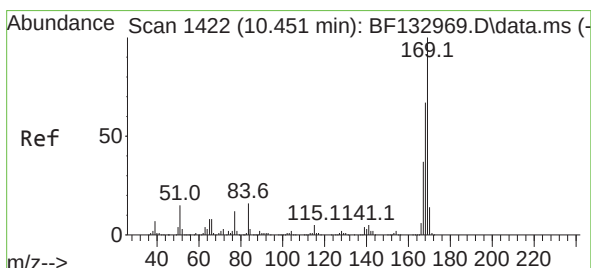
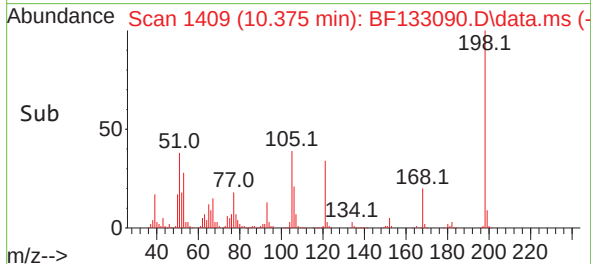
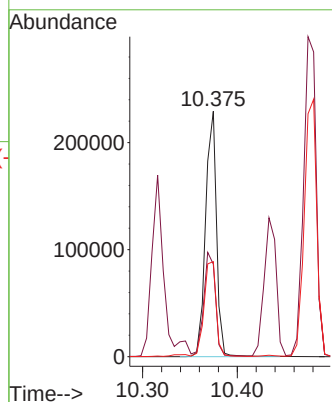
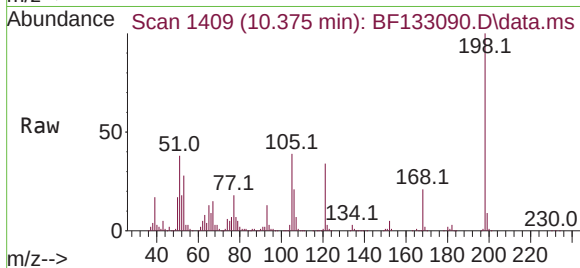
#65
4,6-Dinitro-2-methylphenol
Concen: 43.507 ng
RT: 10.375 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 183915
Ion Ratio Lower Upper
198 100
51 37.7 15.5 55.5
105 38.7 16.7 56.7

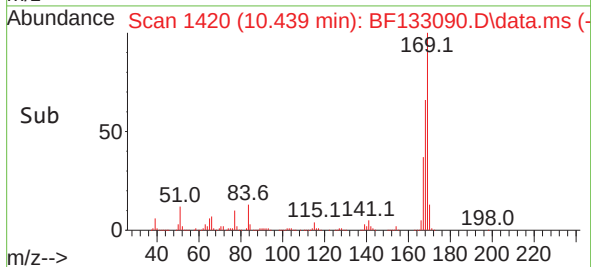
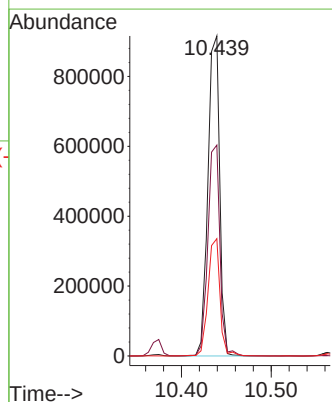
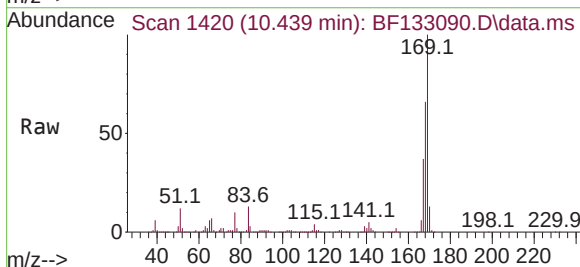
Manual Integrations
APPROVED

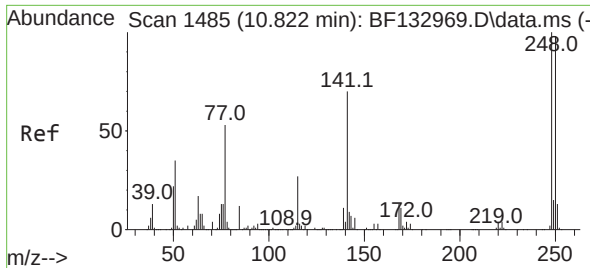
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#66
n-Nitrosodiphenylamine
Concen: 36.801 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

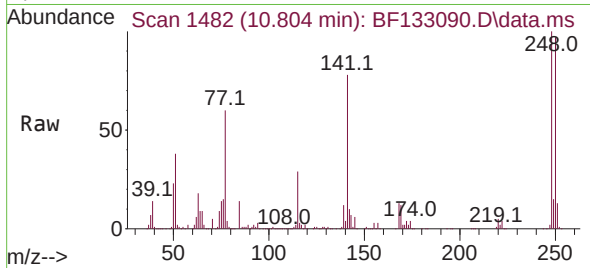
Tgt Ion:169 Resp: 832546
Ion Ratio Lower Upper
169 100
168 65.9 53.8 80.8
167 36.6 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 36.748 ng
RT: 10.804 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

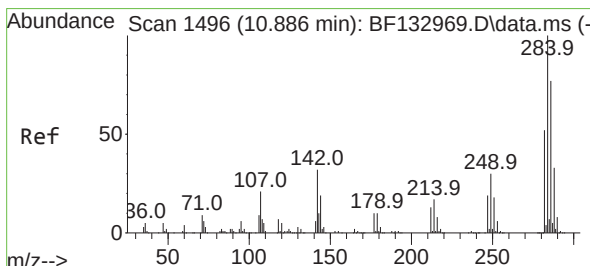
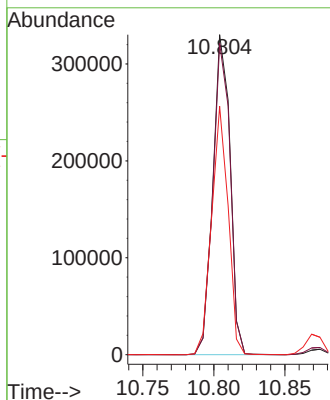
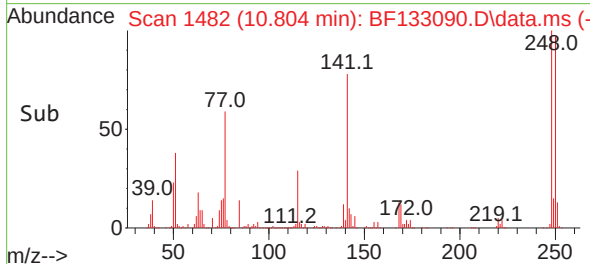
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



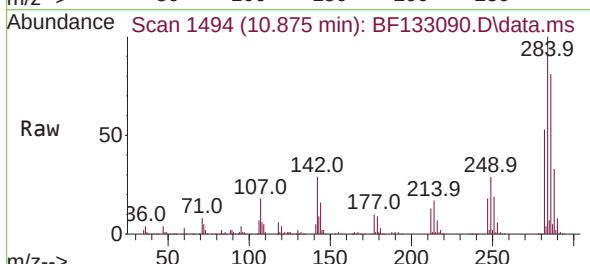
Tgt Ion:248 Resp: 277955
Ion Ratio Lower Upper
248 100
250 97.3 78.7 118.1
141 77.7 56.3 84.5

Manual Integrations
APPROVED

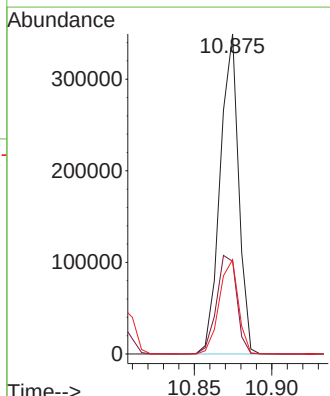
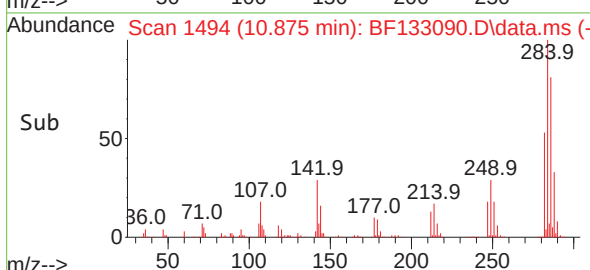
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

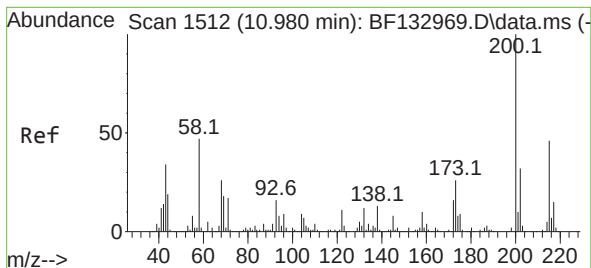


#68
Hexachlorobenzene
Concen: 37.418 ng
RT: 10.875 min Scan# 1494
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59



Tgt Ion:284 Resp: 290014
Ion Ratio Lower Upper
284 100
142 29.0 26.0 39.0
249 29.5 23.7 35.5





#69

Atrazine

Concen: 39.090 ng

RT: 10.963 min Scan# 1509

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

Instrument :

BNA_F

ClientSampleId :

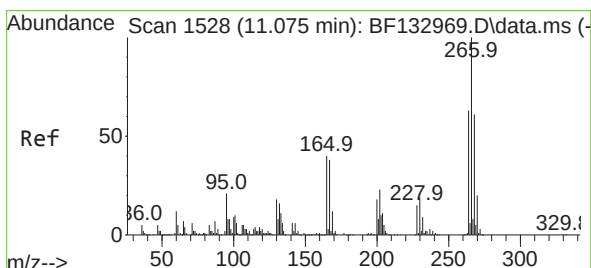
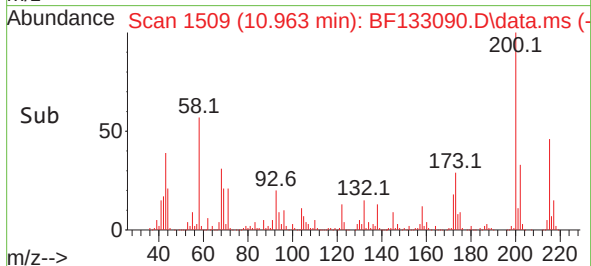
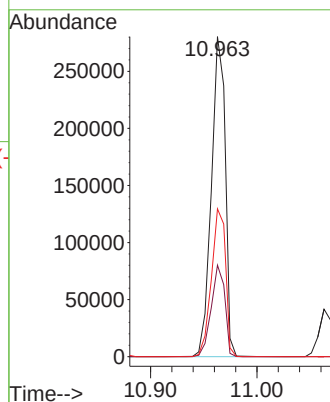
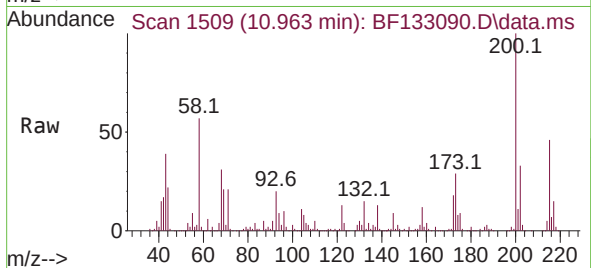
SSTDCCC040

Tgt Ion:200 Resp: 254815
 Ion Ratio Lower Upper
 200 100
 173 28.6 6.2 46.2
 215 46.2 26.3 66.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023
 Supervised By :Jagrut Upadhyay 04/28/2023



#70

Pentachlorophenol

Concen: 39.368 ng

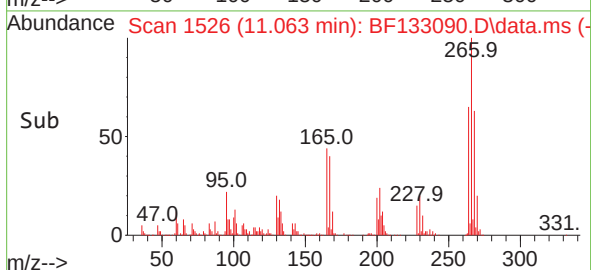
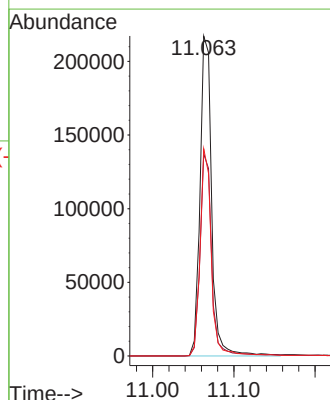
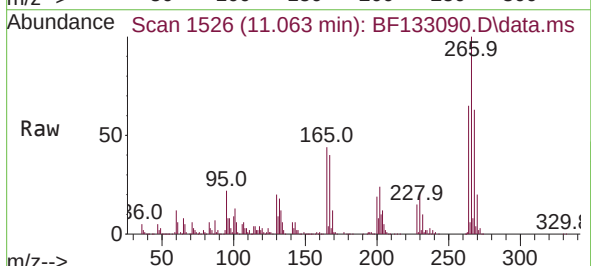
RT: 11.063 min Scan# 1526

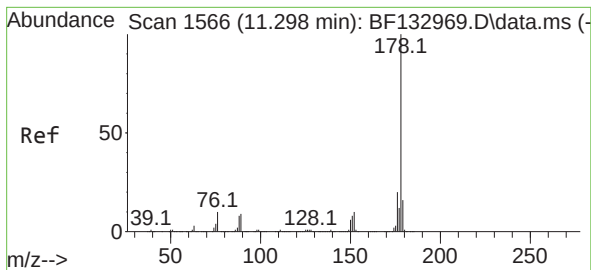
Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

Tgt Ion:266 Resp: 217311
 Ion Ratio Lower Upper
 266 100
 268 63.2 48.8 73.2
 264 64.7 50.6 76.0





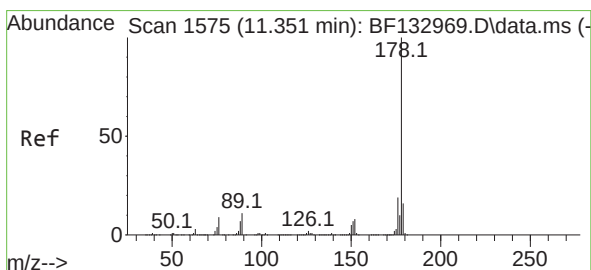
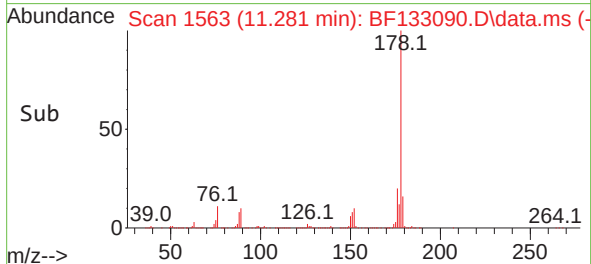
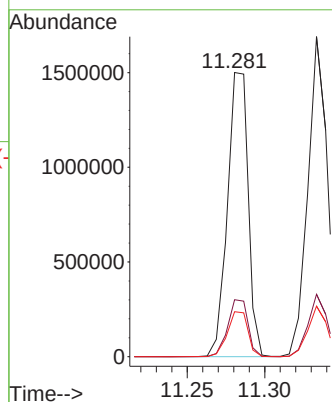
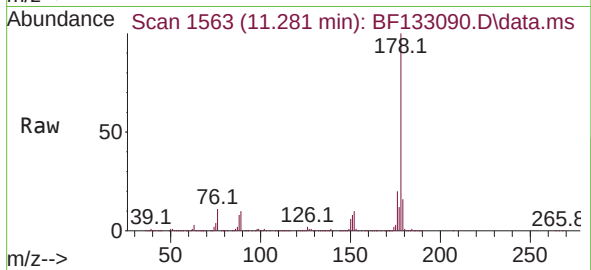
#71
Phenanthrene
Concen: 37.313 ng
RT: 11.281 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 1398650
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 15.8 12.5 18.7

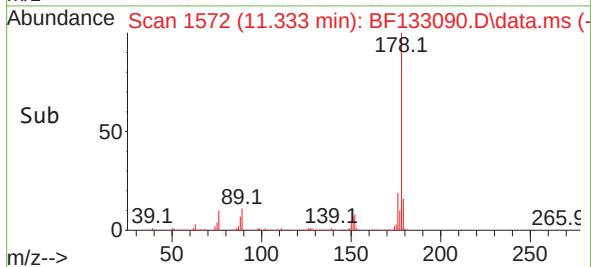
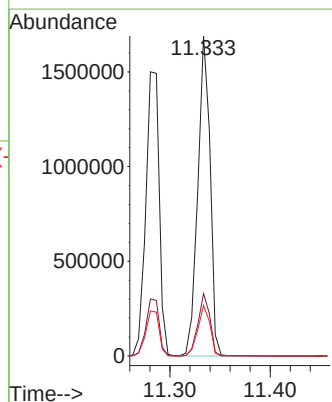
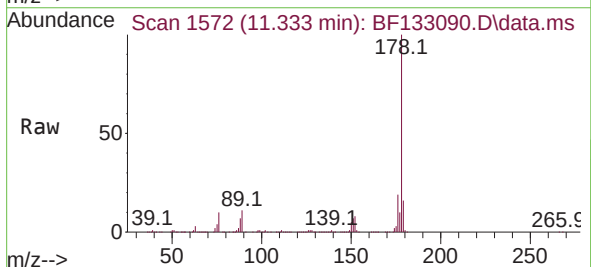
Manual Integrations
APPROVED

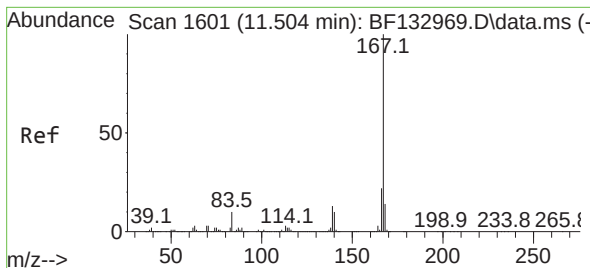
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#72
Anthracene
Concen: 37.550 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

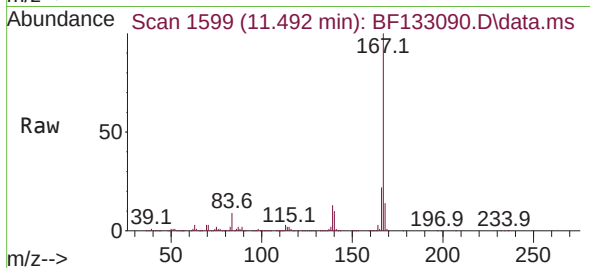
Tgt Ion:178 Resp: 1440486
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.8 12.4 18.6





#73
 Carbazole
 Concen: 38.674 ng
 RT: 11.492 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133090.D
 Acq: 27 Apr 2023 09:59

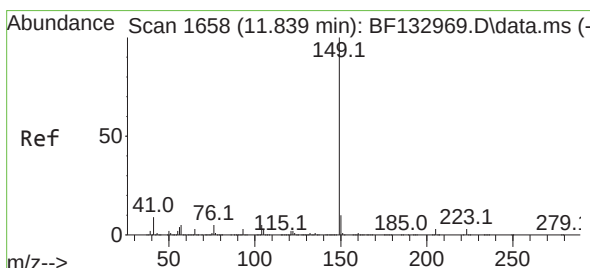
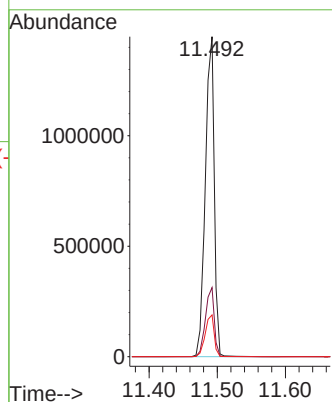
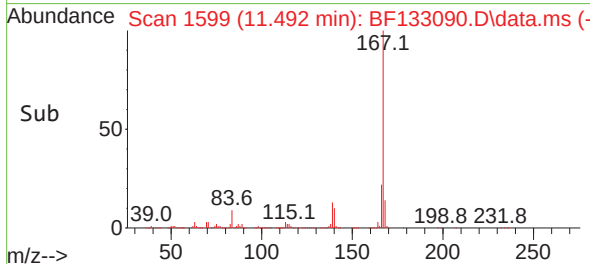
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



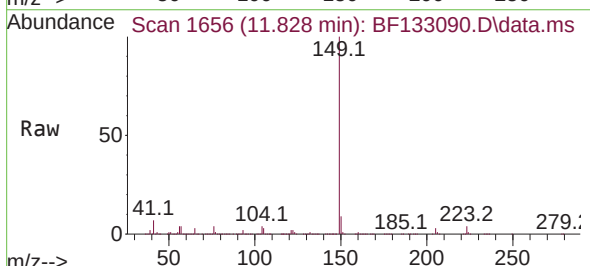
Tgt Ion:167 Resp: 132104
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 13.1 10.6 16.0

Manual Integrations
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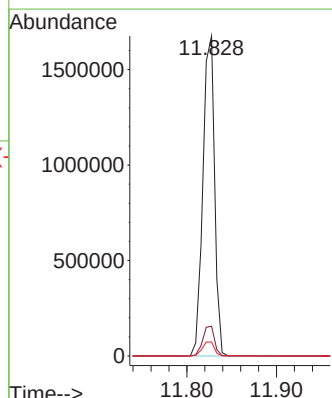
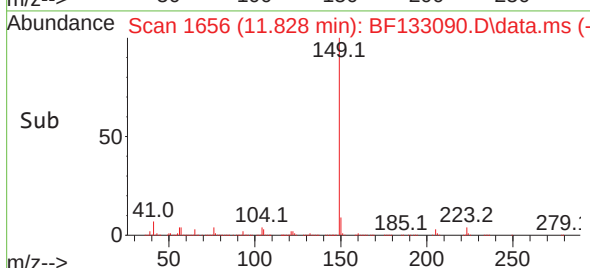
Reviewed By :Christian Giraldo 04/28/2023
 Supervised By :Jagrut Upadhyay 04/28/2023

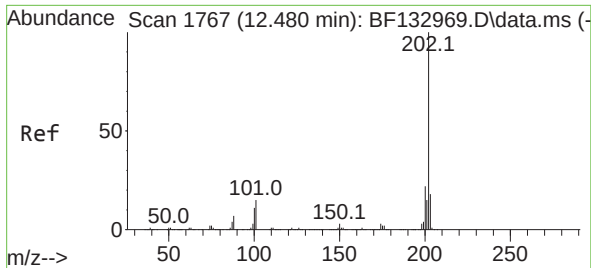


#74
 Di-n-butylphthalate
 Concen: 39.240 ng
 RT: 11.828 min Scan# 1656
 Delta R.T. 0.000 min
 Lab File: BF133090.D
 Acq: 27 Apr 2023 09:59



Tgt Ion:149 Resp: 1516838
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.6 11.4
 104 4.4 4.0 6.0





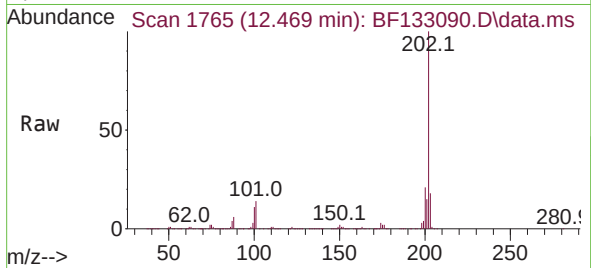
#75
Fluoranthene
Concen: 39.065 ng
RT: 12.469 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

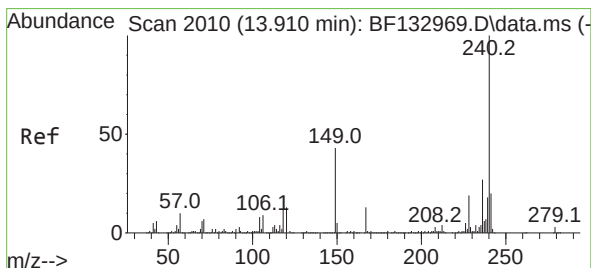
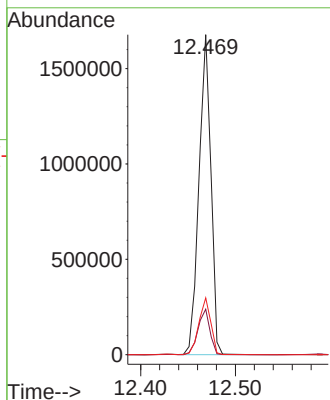
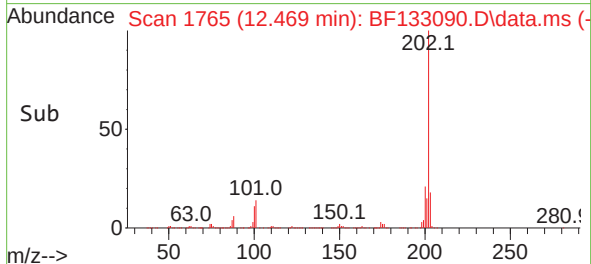


Tgt Ion:202 Resp: 1469649
Ion Ratio Lower Upper
202 100
101 14.2 0.0 35.3
203 17.8 0.0 38.1

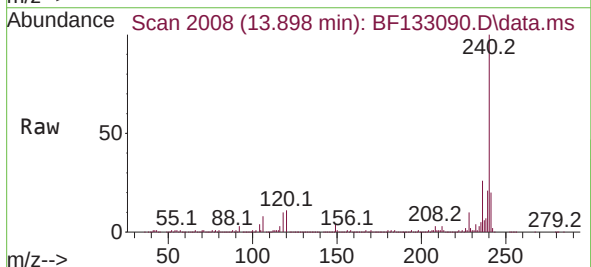
Manual Integrations

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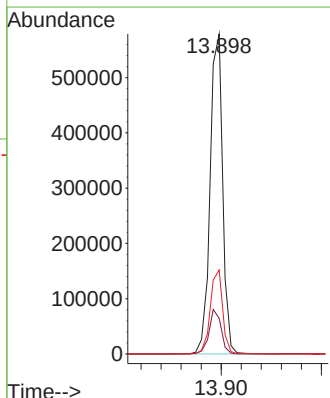
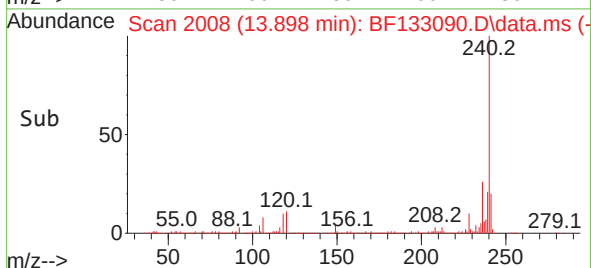
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

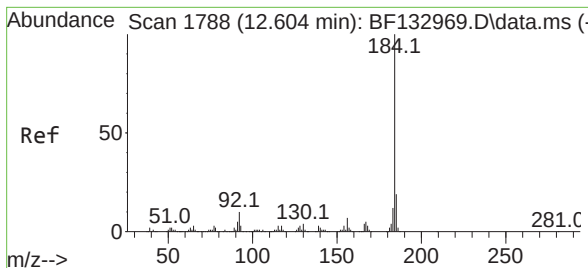


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.898 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59



Tgt Ion:240 Resp: 504844
Ion Ratio Lower Upper
240 100
120 11.1 10.5 15.7
236 26.2 21.5 32.3





#77

Benzidine

Concen: 50.569 ng

RT: 12.586 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:184 Resp: 431711

Ion Ratio Lower Upper

184 100

185 15.9 15.4 23.2

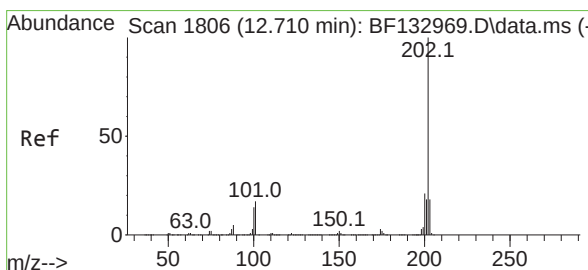
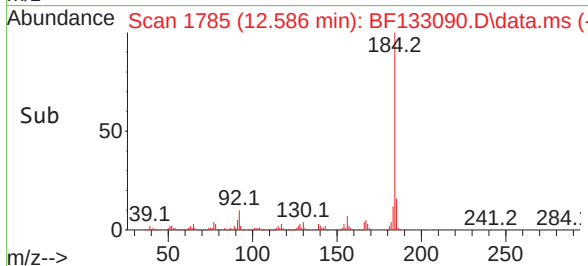
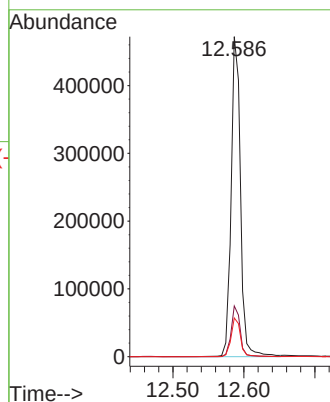
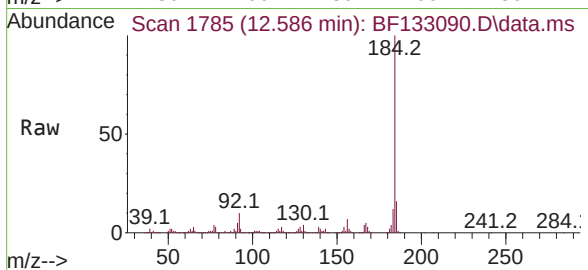
183 12.1 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#78

Pyrene

Concen: 34.957 ng

RT: 12.698 min Scan# 1804

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

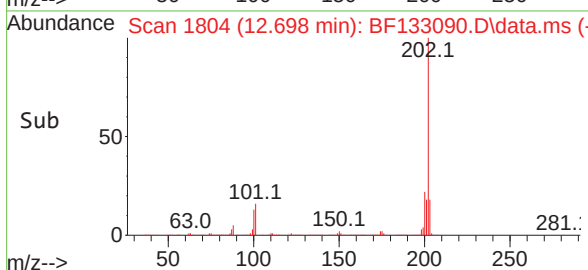
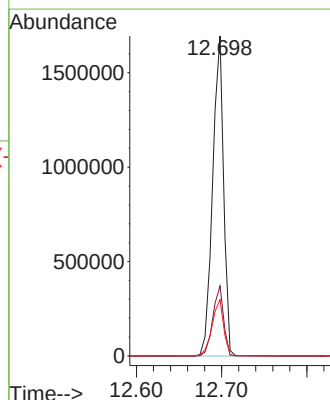
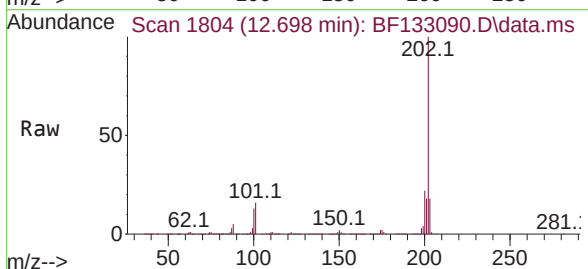
Tgt Ion:202 Resp: 1512807

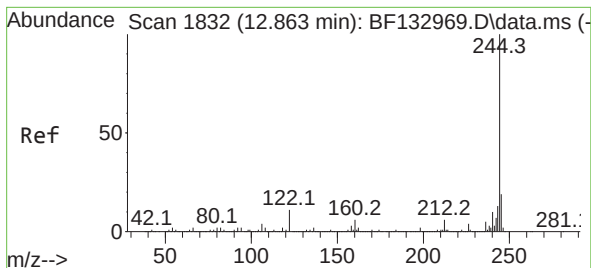
Ion Ratio Lower Upper

202 100

200 21.9 17.1 25.7

203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 69.573 ng

RT: 12.845 min Scan# 1829

Delta R.T. 0.000 min

Lab File: BF133090.D

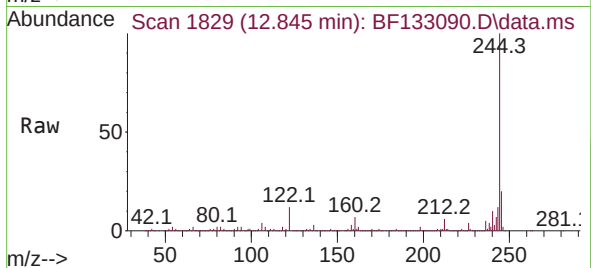
Acq: 27 Apr 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:244 Resp: 203653

Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

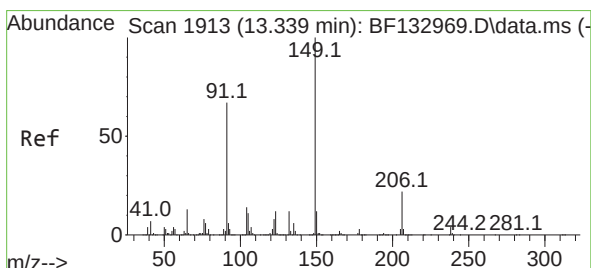
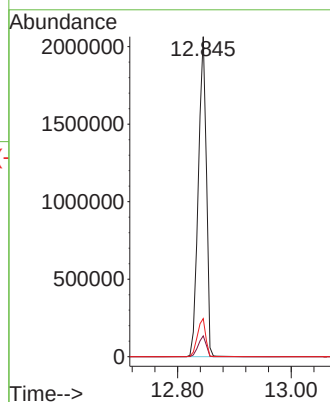
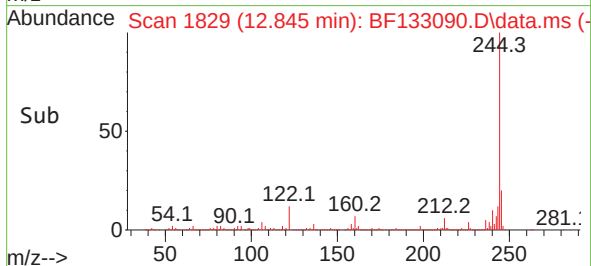
122 11.9 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#80

Butylbenzylphthalate

Concen: 41.978 ng

RT: 13.322 min Scan# 1910

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

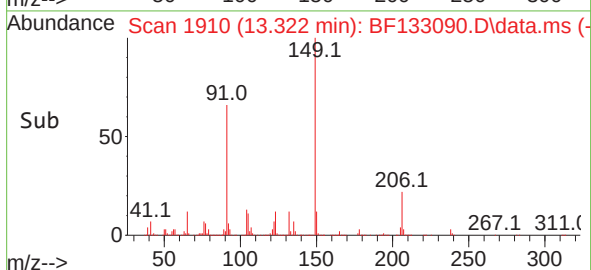
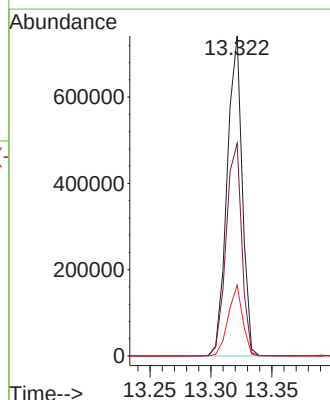
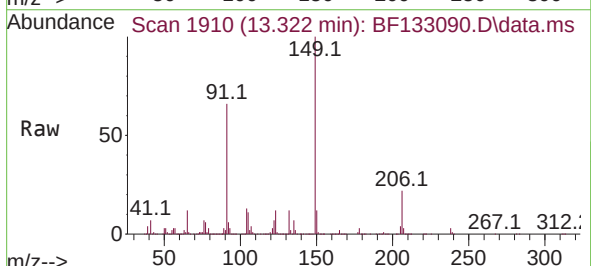
Tgt Ion:149 Resp: 643238

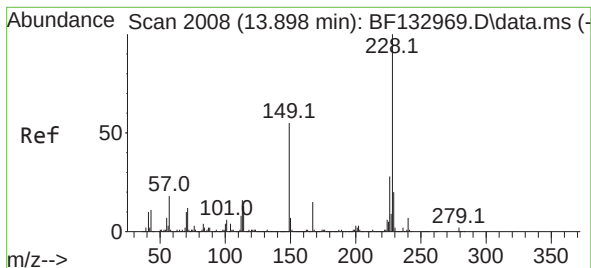
Ion Ratio Lower Upper

149 100

91 66.4 53.8 80.6

206 22.1 17.5 26.3





#81

Benzo(a)anthracene

Concen: 36.067 ng

RT: 13.886 min Scan# 2000

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 125212

Ion Ratio Lower Upper

228 100

226 27.0 22.2 33.4

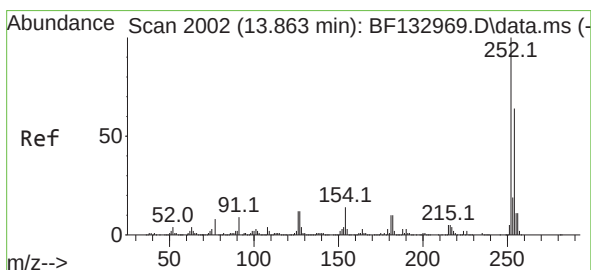
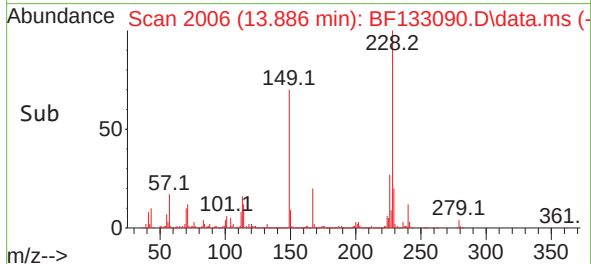
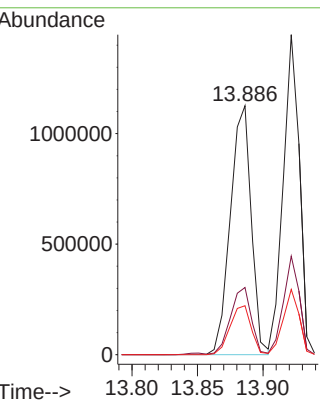
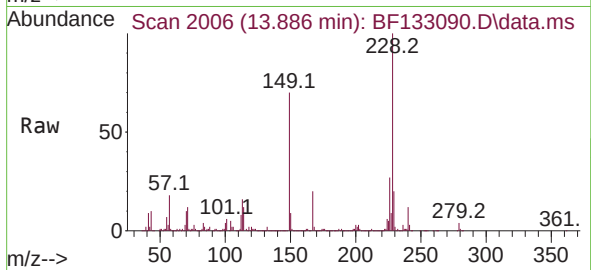
229 19.7 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#82

3,3'-Dichlorobenzidine

Concen: 43.286 ng

RT: 13.851 min Scan# 2000

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

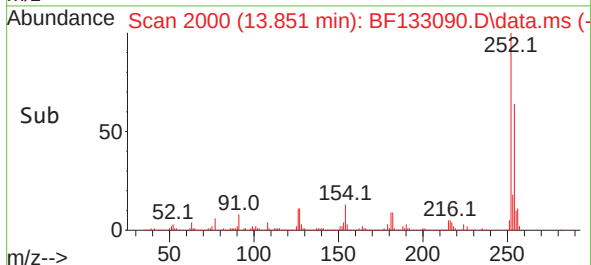
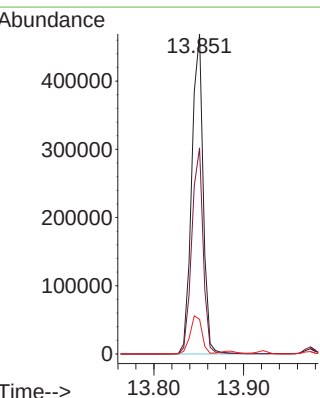
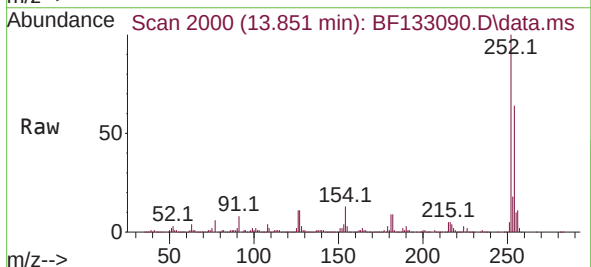
Tgt Ion:252 Resp: 415134

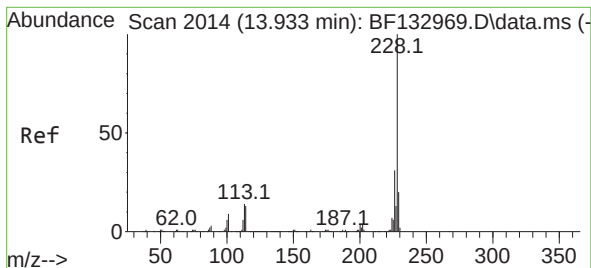
Ion Ratio Lower Upper

252 100

254 64.4 51.5 77.3

126 10.9 9.5 14.3





#83

Chrysene

Concen: 35.936 ng

RT: 13.922 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 1247280

Ion Ratio Lower Upper

228 100

226 30.8 24.7 37.1

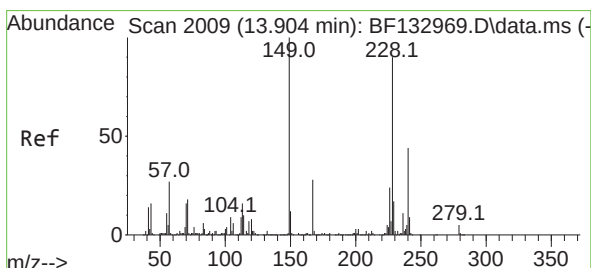
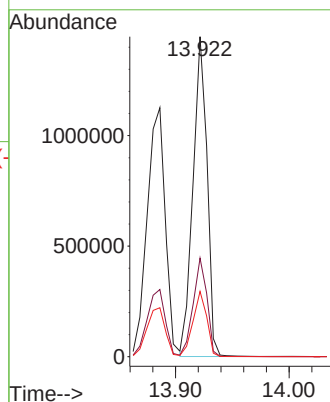
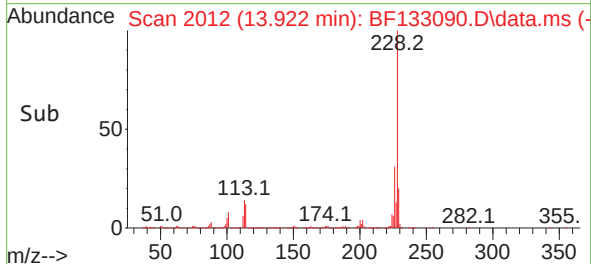
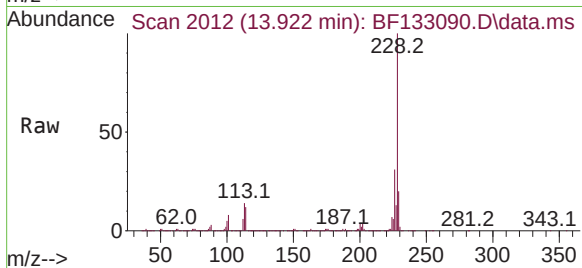
229 20.4 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/28/2023

Supervised By :Jagrut Upadhyay 04/28/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.783 ng

RT: 13.886 min Scan# 2006

Delta R.T. 0.000 min

Lab File: BF133090.D

Acq: 27 Apr 2023 09:59

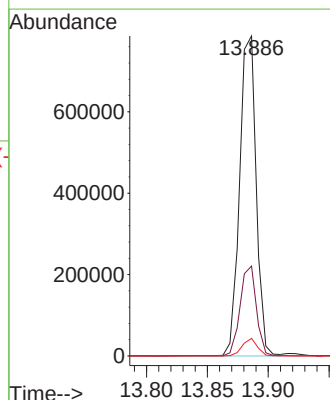
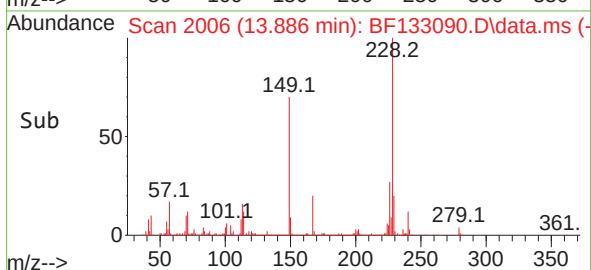
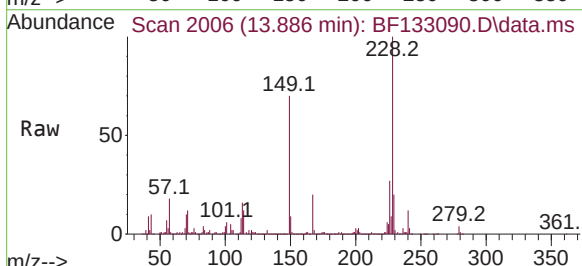
Tgt Ion:149 Resp: 745933

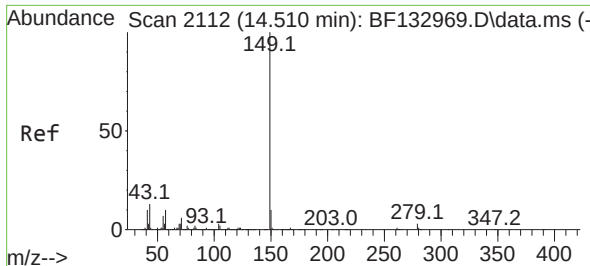
Ion Ratio Lower Upper

149 100

167 28.1 22.5 33.7

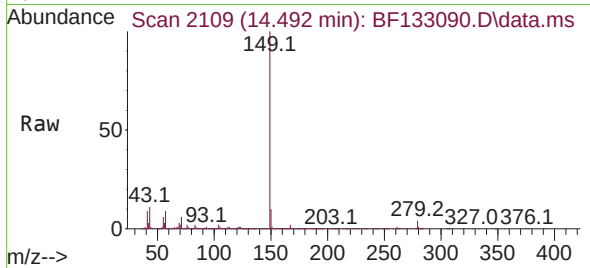
279 5.5 4.2 6.4





#85
Di-n-octyl phthalate
Concen: 41.928 ng
RT: 14.492 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

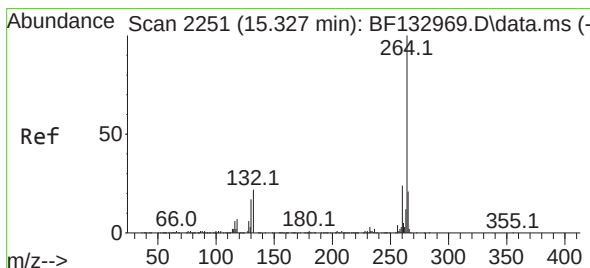
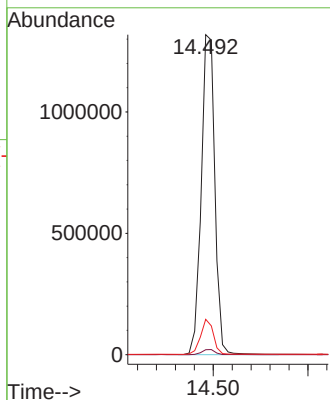
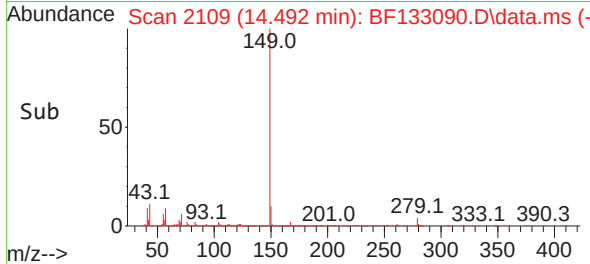
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:149 Resp: 1314914
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.2 9.5 14.3

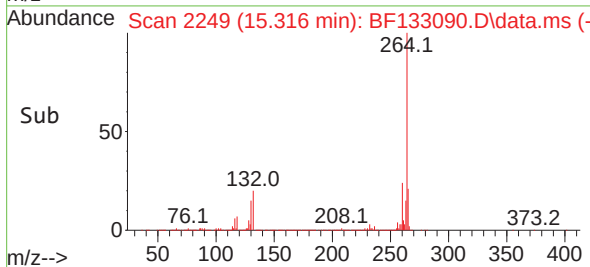
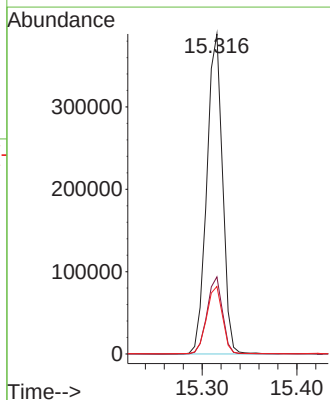
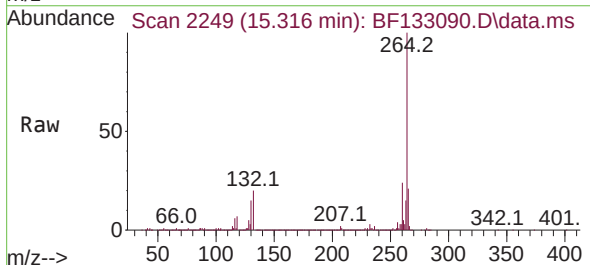
Manual Integrations
APPROVED

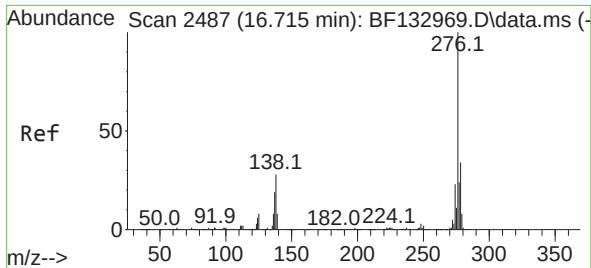
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.316 min Scan# 2249
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

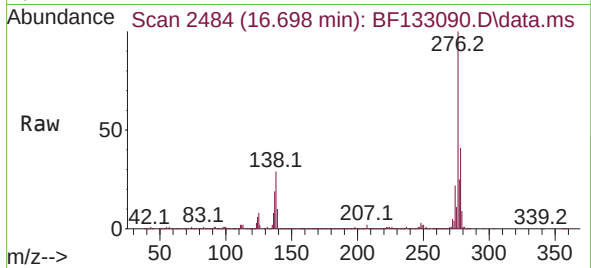
Tgt Ion:264 Resp: 446746
Ion Ratio Lower Upper
264 100
260 24.1 18.8 28.2
265 21.1 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 37.675 ng
RT: 16.698 min Scan# 2487
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

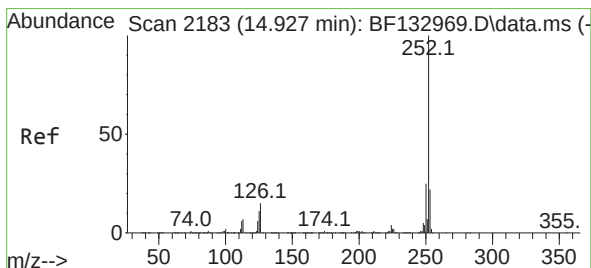
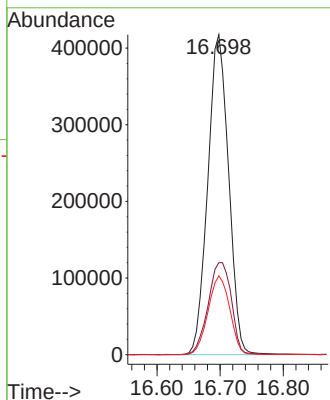
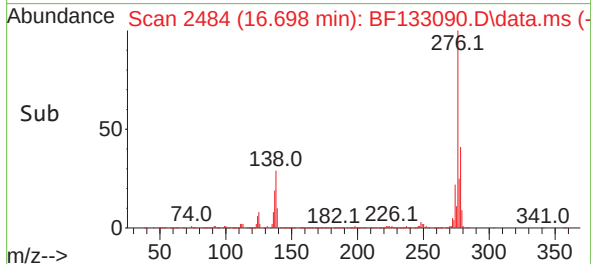
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 276 Resp: 95738
Ion Ratio Lower Upper
276 100
138 32.2 25.5 38.3
277 25.7 20.4 30.6

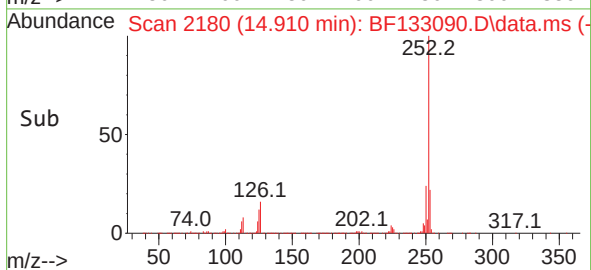
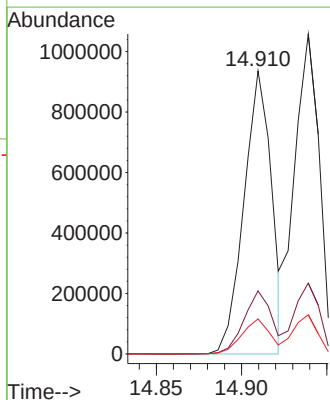
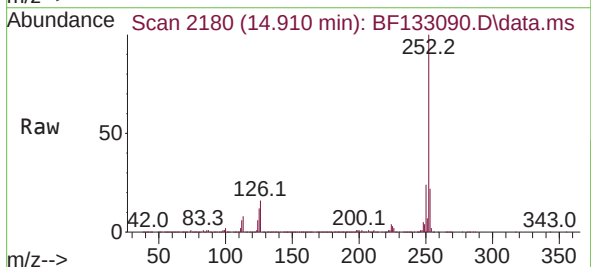
Manual Integrations
APPROVED

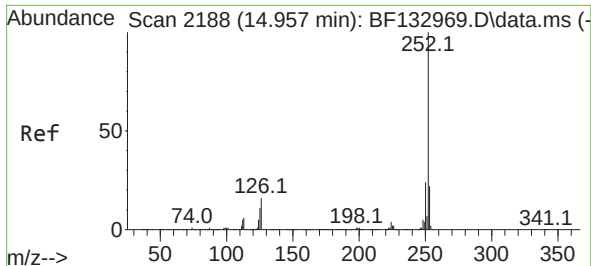
Reviewed By : Christian Giraldo 04/28/2023
Supervised By : Jagrut Upadhyay 04/28/2023



#88
Benzo(b)fluoranthene
Concen: 37.145 ng
RT: 14.910 min Scan# 2180
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

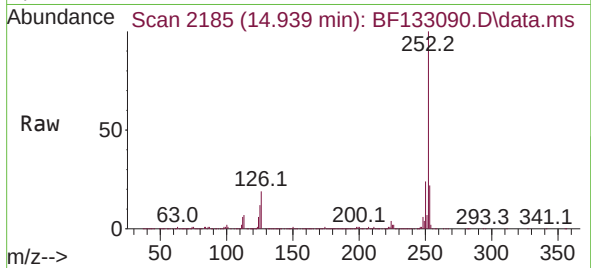
Tgt Ion: 252 Resp: 1055712
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 12.4 8.9 13.3





#89
Benzo(k)fluoranthene
Concen: 38.186 ng
RT: 14.939 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

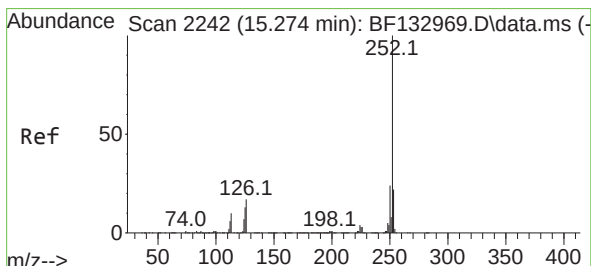
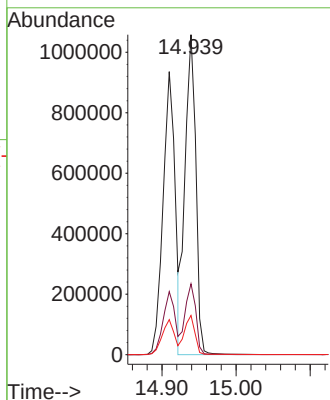
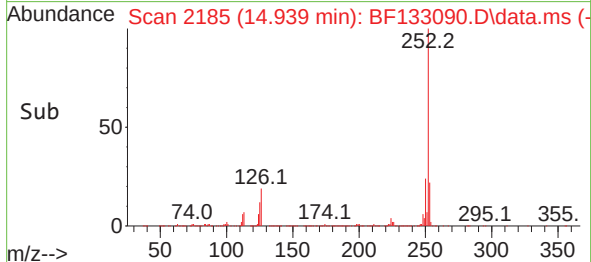
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:252 Resp: 1075849
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 12.2 9.0 13.4

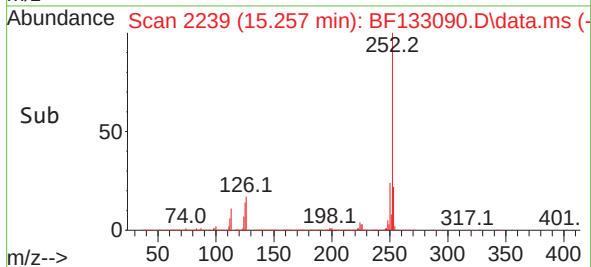
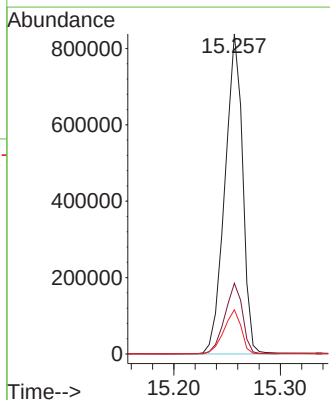
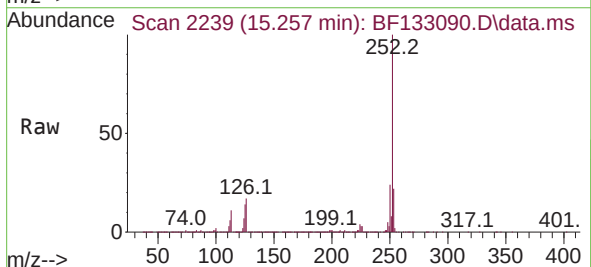
Manual Integrations
APPROVED

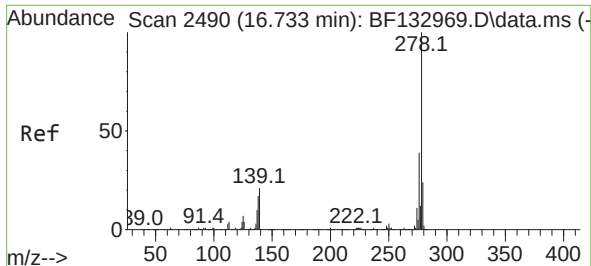
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#90
Benzo(a)pyrene
Concen: 37.421 ng
RT: 15.257 min Scan# 2239
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

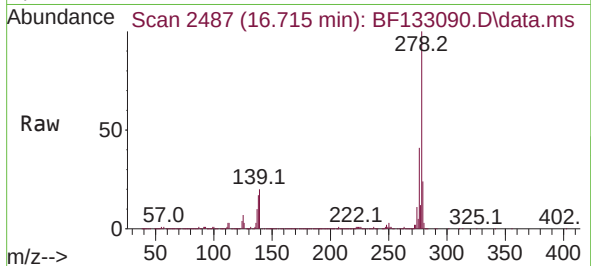
Tgt Ion:252 Resp: 968048
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 13.8 10.5 15.7





#91
Dibenzo(a,h)anthracene
Concen: 37.770 ng
RT: 16.715 min Scan# 2490
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

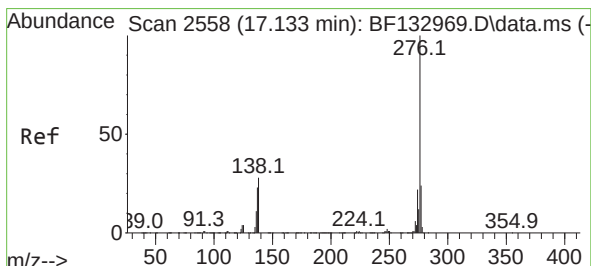
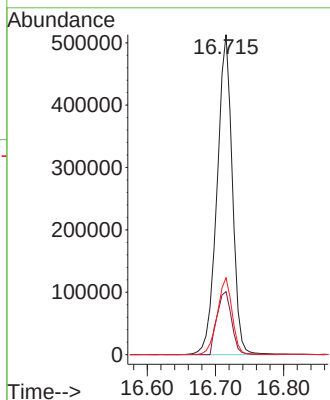
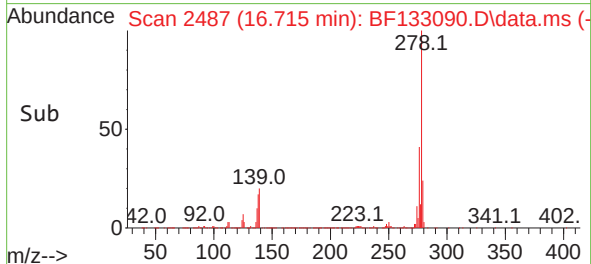
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:278 Resp: 800520
Ion Ratio Lower Upper
278 100
139 19.7 16.6 24.8
279 24.0 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023



#92
Benzo(g,h,i)perylene
Concen: 38.422 ng
RT: 17.115 min Scan# 2555
Delta R.T. 0.000 min
Lab File: BF133090.D
Acq: 27 Apr 2023 09:59

Tgt Ion:276 Resp: 803957
Ion Ratio Lower Upper
276 100
277 23.5 19.4 29.0
138 26.9 22.7 34.1

