

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052323\
 Data File : BF133458.D
 Acq On : 23 May 2023 15:14
 Operator : CG\JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/24/2023
 Supervised By : Jagrut Upadhyay 05/25/2023

Quant Time: May 24 02:37:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 24 02:24:49 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	145845	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	496735	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	224587	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	411547	20.000	ng	0.00
76) Chrysene-d12	14.016	240	277519	20.000	ng	0.00
86) Perylene-d12	15.468	264	288829	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1198836	134.366	ng	0.00
7) Phenol-d6	6.481	99	1437723	134.045	ng	0.02
23) Nitrobenzene-d5	7.422	82	1295034	180.243	ng	0.01
42) 2,4,6-Tribromophenol	10.675	330	327680	157.946	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1947877	122.025	ng	0.00
79) Terphenyl-d14	12.963	244	2027511	139.682	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.569	88	283405	70.170	ng	Qvalue 99
3) Pyridine	3.322	79	810480	76.218	ng	99
4) n-Nitrosodimethylamine	3.293	42	464443	76.511	ng	97
6) Aniline	6.522	93	1023554	69.828	ng	98
8) 2-Chlorophenol	6.634	128	588048	66.444	ng	96
10) Phenol	6.493	94	735237	67.036	ng	89
11) bis(2-Chloroethyl)ether	6.593	93	606647	67.768	ng	100
12) 1,3-Dichlorobenzene	6.787	146	636728	65.916	ng	96
13) 1,4-Dichlorobenzene	6.863	146	638746	66.038	ng	98
14) 1,2-Dichlorobenzene	7.022	146	558650	62.542	ng	99
15) Benzyl Alcohol	6.992	79	561038	69.124	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	1159660	68.460	ng	99
17) 2-Methylphenol	7.092	107	558422	69.197	ng	100
18) Hexachloroethane	7.363	117	239372	72.626	ng	94
19) n-Nitroso-di-n-propyla...	7.275	70	465459	69.343	ng	97
20) 3+4-Methylphenols	7.257	107	598590	61.281	ng	# 82
22) Acetophenone	7.263	105	756830	64.927	ng	# 84
24) Nitrobenzene	7.440	77	660352	83.142	ng	99
25) Isophorone	7.675	82	1259478	74.496	ng	98
26) 2-Nitrophenol	7.745	139	287024	81.774	ng	# 87
27) 2,4-Dimethylphenol	7.787	122	515631	71.358	ng	98
28) bis(2-Chloroethoxy)met...	7.887	93	694577	69.540	ng	99
29) 2,4-Dichlorophenol	7.987	162	484761	73.985	ng	97
30) 1,2,4-Trichlorobenzene	8.069	180	495468	69.537	ng	98
31) Naphthalene	8.157	128	1612330	66.080	ng	99
32) Benzoic acid	7.928	122	360985m	79.043	ng	
33) 4-Chloroaniline	8.204	127	702826	68.752	ng	98
34) Hexachlorobutadiene	8.269	225	307841	71.088	ng	99
35) Caprolactam	8.598	113	157761m	79.275	ng	
36) 4-Chloro-3-methylphenol	8.681	107	534096	75.330	ng	98
37) 2-Methylnaphthalene	8.845	142	1078550	65.938	ng	100
38) 1-Methylnaphthalene	8.945	142	1011818	66.385	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	462718	67.790	ng	98
41) Hexachlorocyclopentadiene	8.998	237	288263	88.548	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	323110	77.086	ng	98
44) 2,4,5-Trichlorophenol	9.151	196	372173	76.768	ng	# 92

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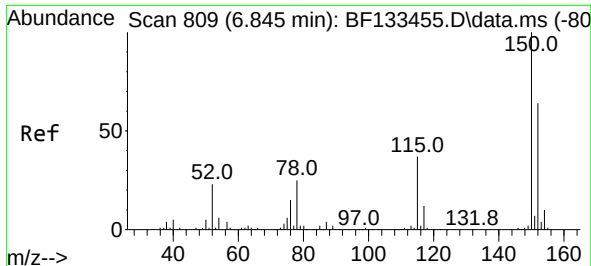
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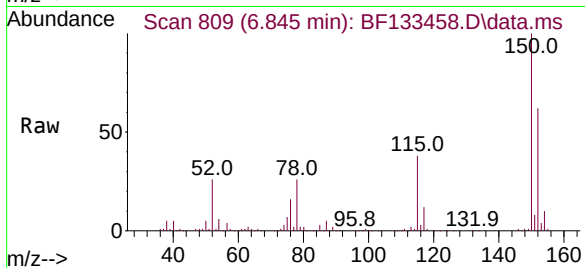
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.310	154	1244982	66.093	ng	99
47) 2-Chloronaphthalene	9.334	162	918642	67.984	ng	98
48) 2-Nitroaniline	9.428	65	335160	80.205	ng	100
49) Acenaphthylene	9.751	152	1559451	67.935	ng	100
50) Dimethylphthalate	9.616	163	1091941	71.215	ng	99
51) 2,6-Dinitrotoluene	9.675	165	240568	79.824	ng	84
52) Acenaphthene	9.922	154	956567	69.401	ng	97
53) 3-Nitroaniline	9.845	138	294135	78.957	ng	98
54) 2,4-Dinitrophenol	9.939	184	92717	79.455	ng	# 87
55) Dibenzofuran	10.092	168	1376642	66.920	ng	97
56) 4-Nitrophenol	9.992	139	232864	79.609	ng	86
57) 2,4-Dinitrotoluene	10.075	165	293579	80.008	ng	95
58) Fluorene	10.433	166	960502	64.689	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	275546	76.601	ng	99
60) Diethylphthalate	10.316	149	1114611	71.703	ng	98
61) 4-Chlorophenyl-phenyle...	10.428	204	457351	65.123	ng	99
62) 4-Nitroaniline	10.463	138	288723	79.354	ng	97
63) Azobenzene	10.592	77	1134052	70.535	ng	99
65) 4,6-Dinitro-2-methylph...	10.480	198	128188	79.112	ng	92
66) n-Nitrosodiphenylamine	10.551	169	933148	68.768	ng	98
67) 4-Bromophenyl-phenylether	10.916	248	299461	69.384	ng	# 92
68) Hexachlorobenzene	10.980	284	318999	70.435	ng	97
69) Atrazine	11.075	200	244023	70.264	ng	99
70) Pentachlorophenol	11.169	266	223704	87.028	ng	99
71) Phenanthrene	11.398	178	1416688	66.481	ng	99
72) Anthracene	11.451	178	1462004	67.252	ng	99
73) Carbazole	11.604	167	1417654	68.836	ng	98
74) Di-n-butylphthalate	11.939	149	1618820	73.261	ng	99
75) Fluoranthene	12.586	202	1601434	69.797	ng	98
77) Benzidine	12.704	184	422439	63.882	ng	98
78) Pyrene	12.816	202	1640596	72.524	ng	99
80) Butylbenzylphthalate	13.439	149	702776	80.197	ng	94
81) Benzo(a)anthracene	14.004	228	1309042	69.485	ng	100
82) 3,3'-Dichlorobenzidine	13.969	252	409106	76.522	ng	99
83) Chrysene	14.045	228	1374568	71.859	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	815341	79.859	ng	99
85) Di-n-octyl phthalate	14.616	149	1591509	85.686	ng	99
87) Indeno(1,2,3-cd)pyrene	16.933	276	1539698	78.706	ng	99
88) Benzo(b)fluoranthene	15.051	252	1349854	75.197	ng	100
89) Benzo(k)fluoranthene	15.080	252	1289619	73.927	ng	99
90) Benzo(a)pyrene	15.415	252	1267140	74.921	ng	99
91) Dibenzo(a,h)anthracene	16.957	278	1227628	77.050	ng	98
92) Benzo(g,h,i)perylene	17.386	276	1289577	80.123	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

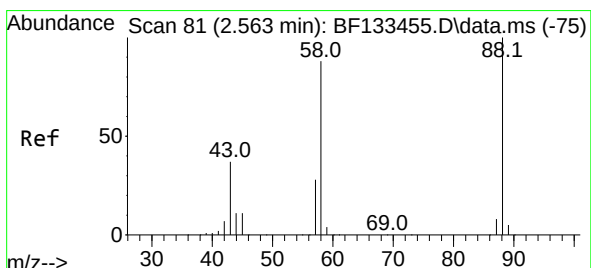
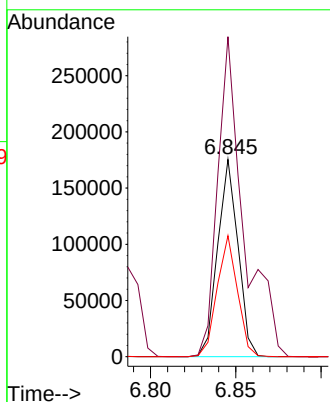
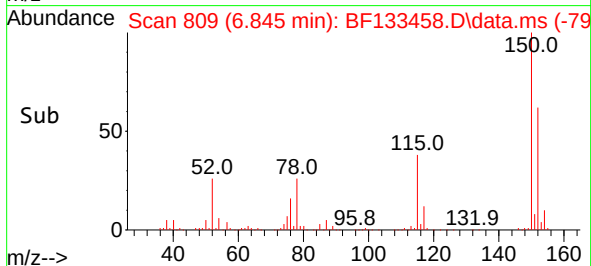
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



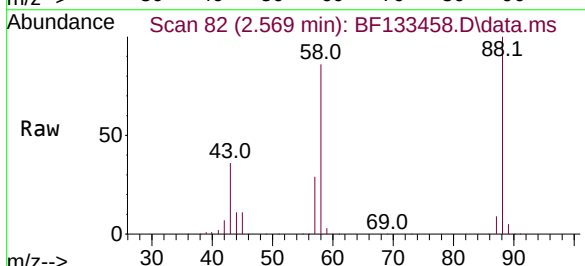
Tgt Ion:152 Resp: 145845
Ion Ratio Lower Upper
152 100
150 162.2 125.6 188.4
115 61.3 47.0 70.4

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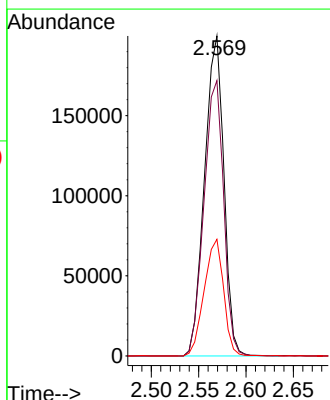
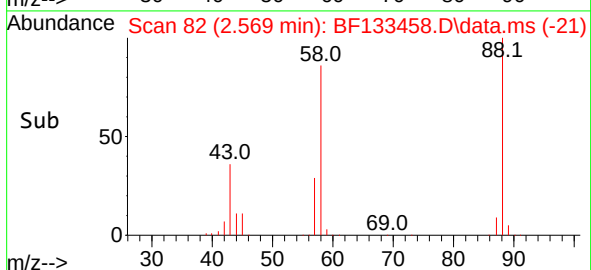
Reviewed By :Christian Giraldo 05/24/2023
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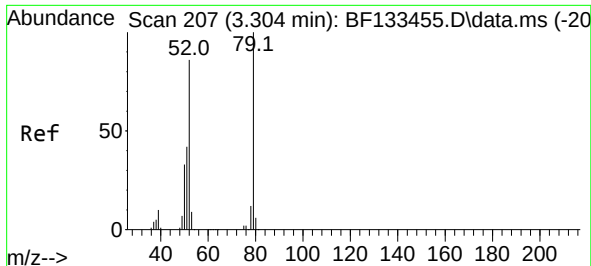


#2
1,4-Dioxane
Concen: 70.170 ng
RT: 2.569 min Scan# 82
Delta R.T. 0.006 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14



Tgt Ion: 88 Resp: 283405
Ion Ratio Lower Upper
88 100
58 87.4 69.6 104.4
43 36.6 29.0 43.4





#3

Pyridine

Concen: 76.218 ng

RT: 3.322 min Scan# 210

Delta R.T. 0.018 min

Lab File: BF133458.D

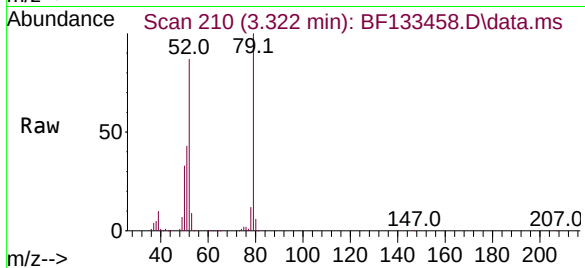
Acq: 23 May 2023 15:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

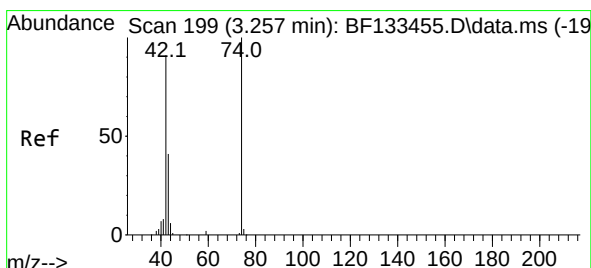
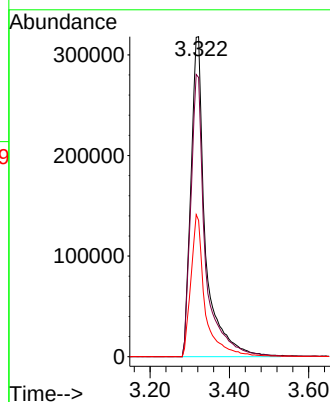
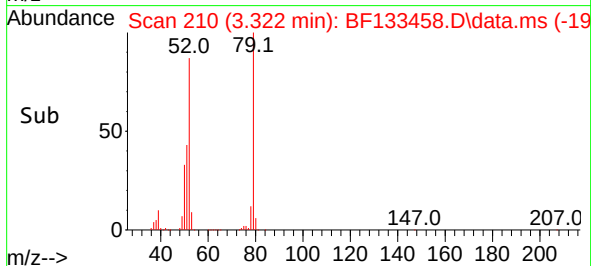


Tgt Ion:	79	Resp:	810480
Ion Ratio	Lower	Upper	
79	100		
52	87.2	68.6	103.0
51	42.6	33.8	50.6

Manual Integrations

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#4

n-Nitrosodimethylamine

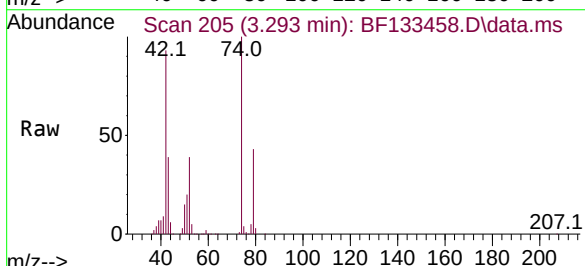
Concen: 76.511 ng

RT: 3.293 min Scan# 205

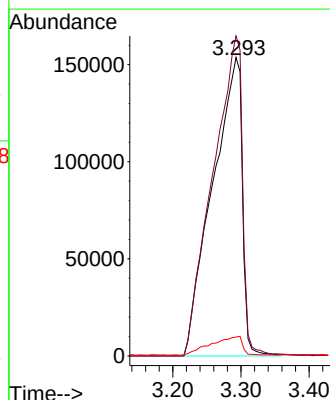
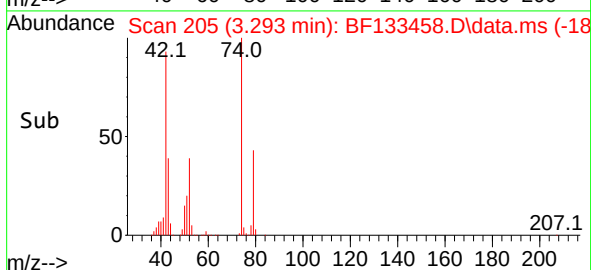
Delta R.T. 0.035 min

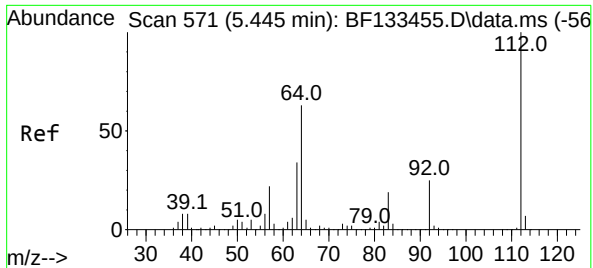
Lab File: BF133458.D

Acq: 23 May 2023 15:14



Tgt Ion:	42	Resp:	464443
Ion Ratio	Lower	Upper	
42	100		
74	107.2	88.2	132.2
44	6.3	6.0	9.0





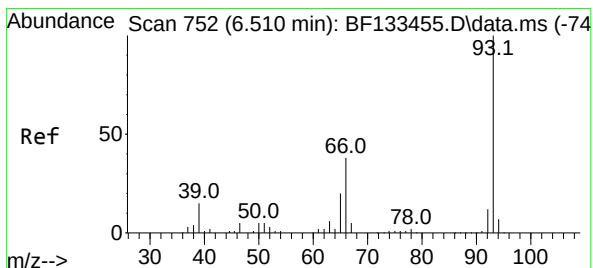
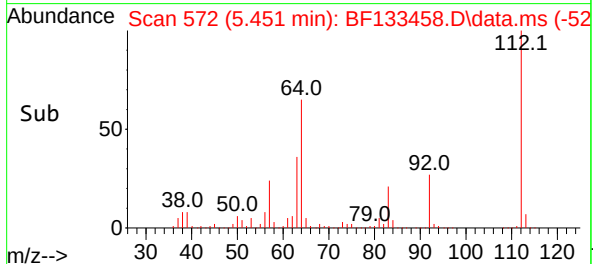
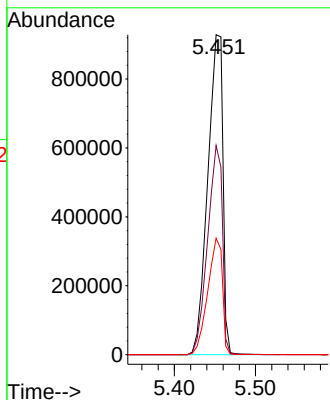
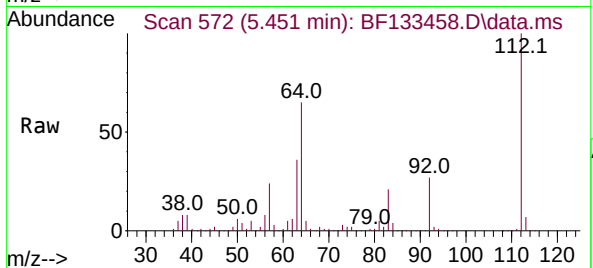
#5
2-Fluorophenol
Concen: 134.366 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:112 Resp: 1198830
Ion Ratio Lower Upper
112 100
64 65.4 50.2 75.4
63 36.4 27.2 40.8

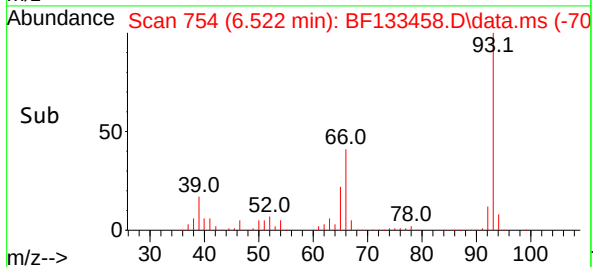
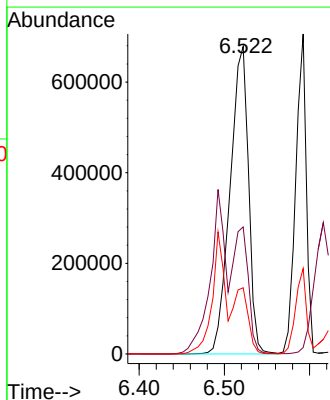
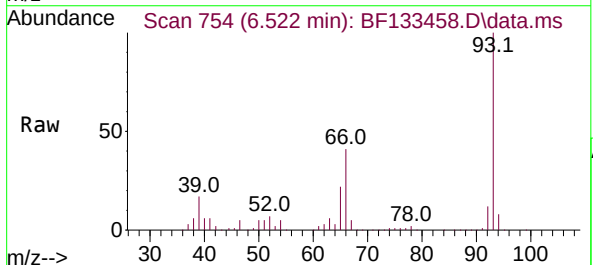
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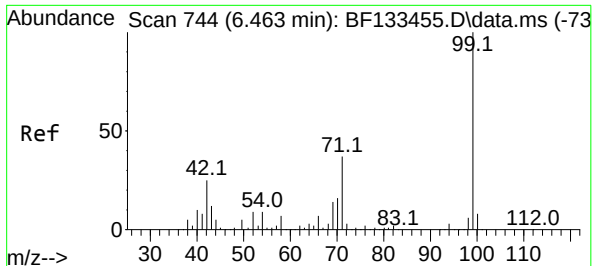
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#6
Aniline
Concen: 69.828 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.012 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

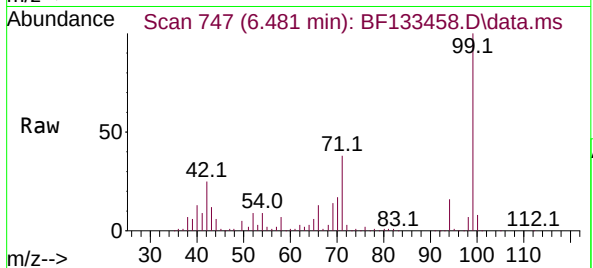
Tgt Ion: 93 Resp: 1023554
Ion Ratio Lower Upper
93 100
66 41.3 32.5 48.7
65 21.6 16.4 24.6





#7
Phenol-d6
Concen: 134.045 ng
RT: 6.481 min Scan# 744
Delta R.T. 0.018 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

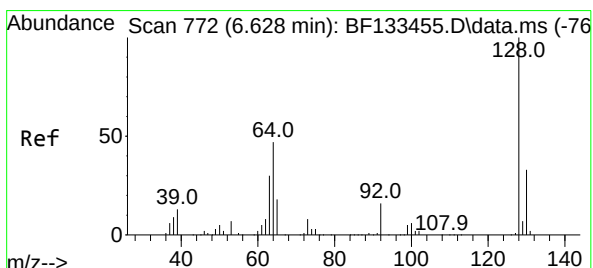
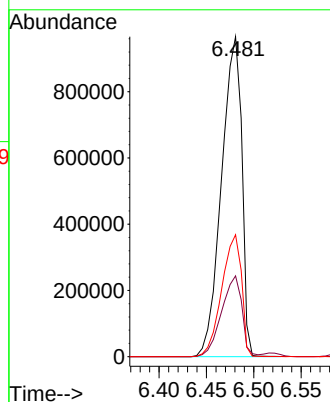
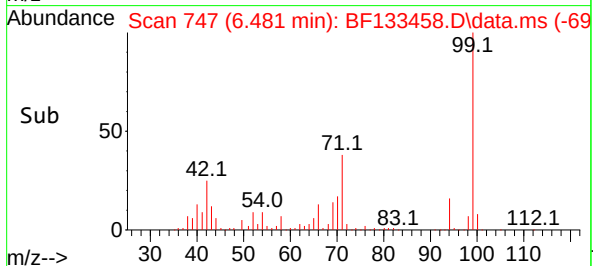


Tgt Ion: 99 Resp: 143772

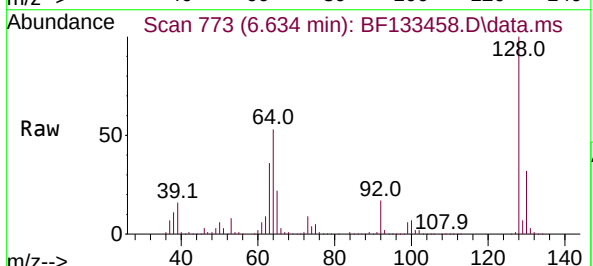
Ion	Ratio	Lower	Upper
99	100		
42	25.2	19.6	29.4
71	38.1	29.5	44.3

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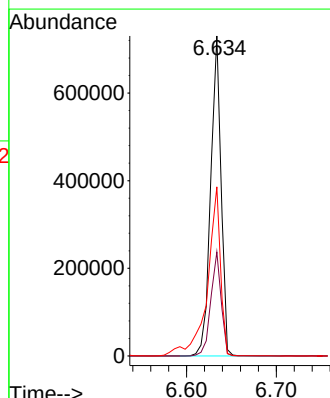
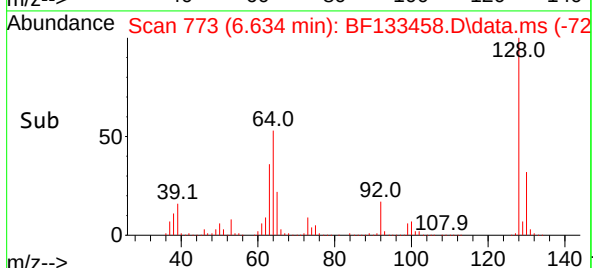


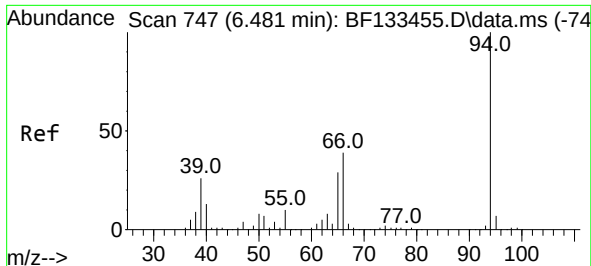
#8
2-Chlorophenol
Concen: 66.444 ng
RT: 6.634 min Scan# 773
Delta R.T. 0.006 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14



Tgt Ion:128 Resp: 588048

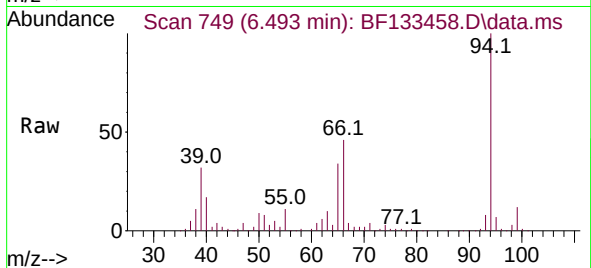
Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.5	52.5
64	52.9	27.8	67.8





#10
Phenol
Concen: 67.036 ng
RT: 6.493 min Scan# 749
Delta R.T. 0.012 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

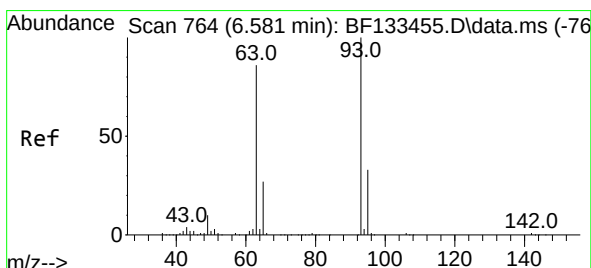
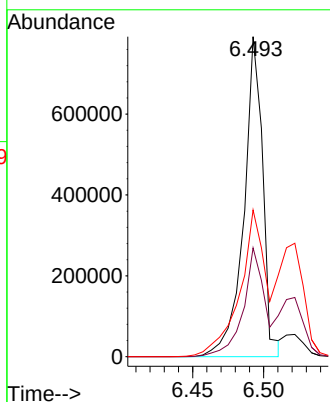
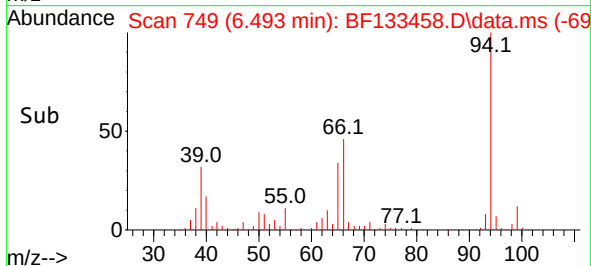
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 94 Resp: 73523
Ion Ratio Lower Upper
94 100
65 34.0 9.2 49.2
66 45.8 18.7 58.7

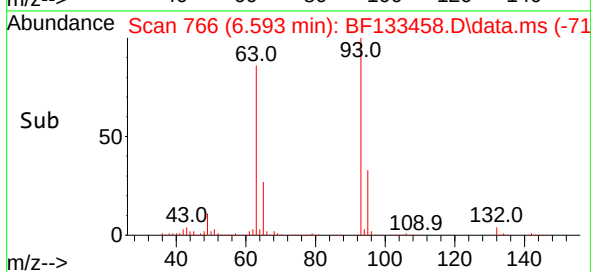
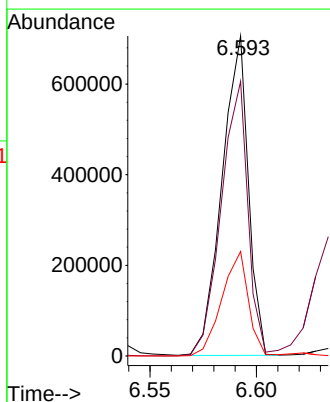
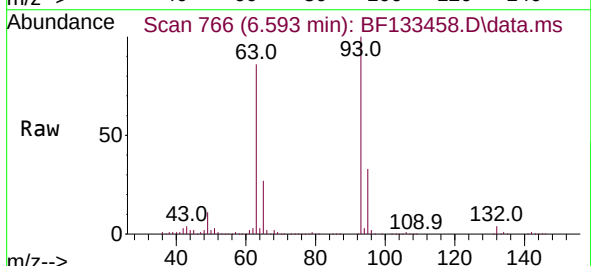
Manual Integrations
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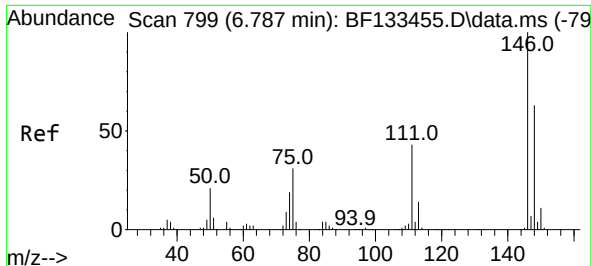
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#11
bis(2-Chloroethyl)ether
Concen: 67.768 ng
RT: 6.593 min Scan# 766
Delta R.T. 0.012 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

Tgt Ion: 93 Resp: 606647
Ion Ratio Lower Upper
93 100
63 85.8 66.2 106.2
95 32.6 12.7 52.7





#12

1,3-Dichlorobenzene

Concen: 65.916 ng

RT: 6.787 min Scan# 799

Delta R.T. 0.000 min

Lab File: BF133458.D

Acq: 23 May 2023 15:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 636728

Ion Ratio Lower Upper

146 100

148 63.4 50.2 75.2

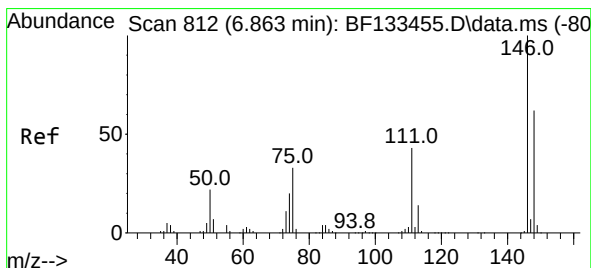
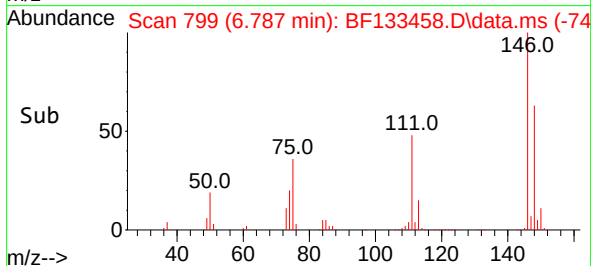
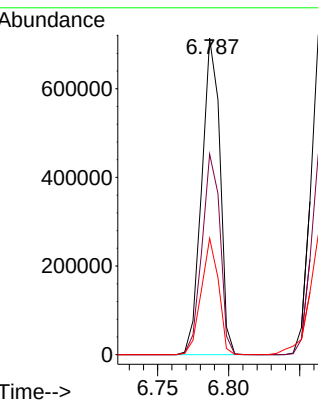
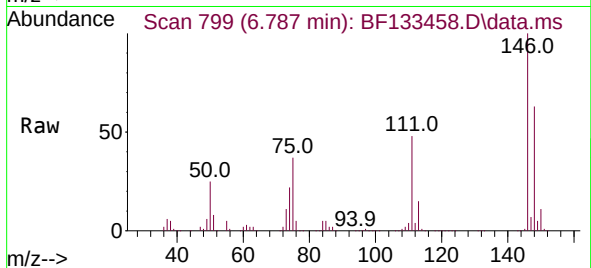
75 36.8 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/24/2023

Supervised By :Jagrut Upadhyay 05/25/2023



#13

1,4-Dichlorobenzene

Concen: 66.038 ng

RT: 6.863 min Scan# 812

Delta R.T. 0.000 min

Lab File: BF133458.D

Acq: 23 May 2023 15:14

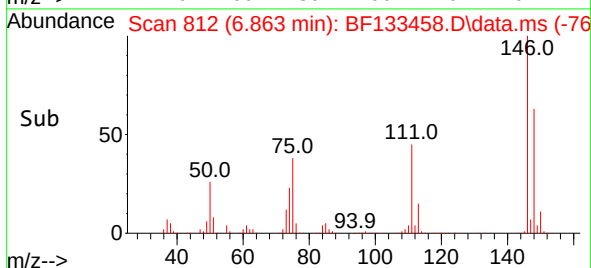
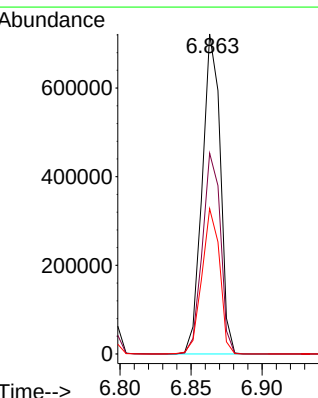
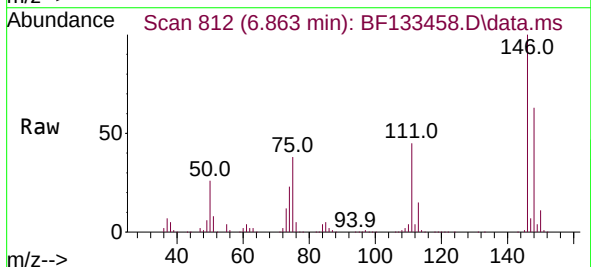
Tgt Ion:146 Resp: 638746

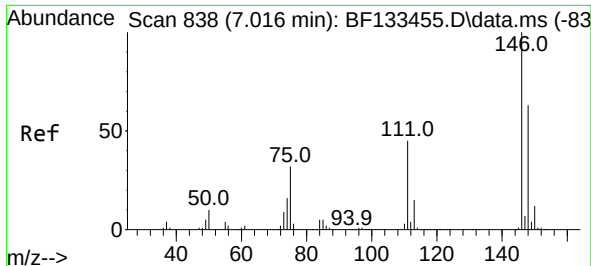
Ion Ratio Lower Upper

146 100

148 62.7 49.5 74.3

111 45.4 34.3 51.5





#14

1,2-Dichlorobenzene

Concen: 62.542 ng

RT: 7.022 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF133458.D

Acq: 23 May 2023 15:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 558650

Ion Ratio Lower Upper

146 100

148 63.4 50.4 75.6

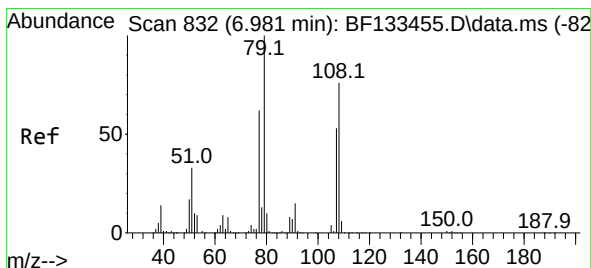
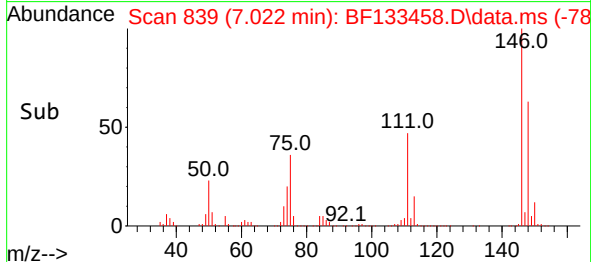
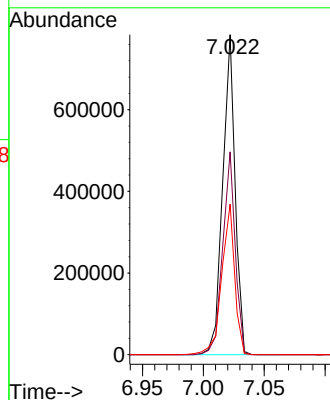
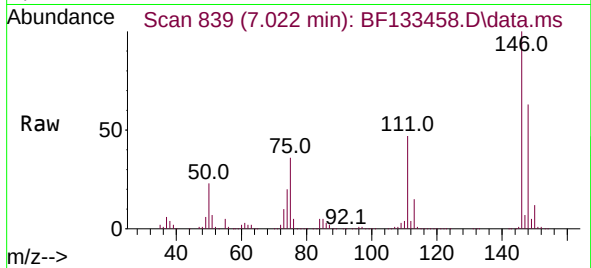
111 47.0 36.3 54.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/24/2023

Supervised By :Jagrut Upadhyay 05/25/2023



#15

Benzyl Alcohol

Concen: 69.124 ng

RT: 6.992 min Scan# 834

Delta R.T. 0.012 min

Lab File: BF133458.D

Acq: 23 May 2023 15:14

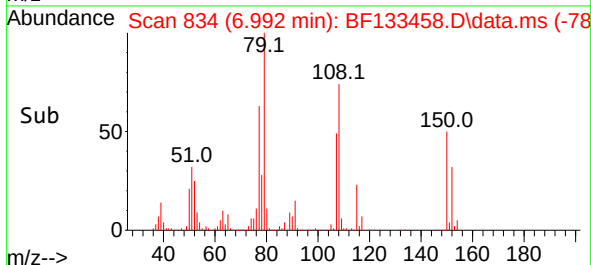
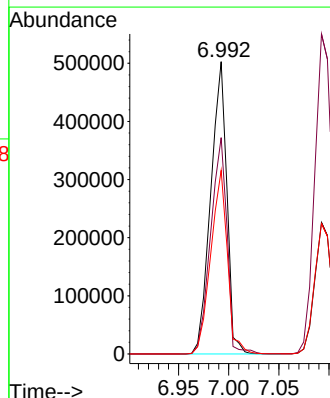
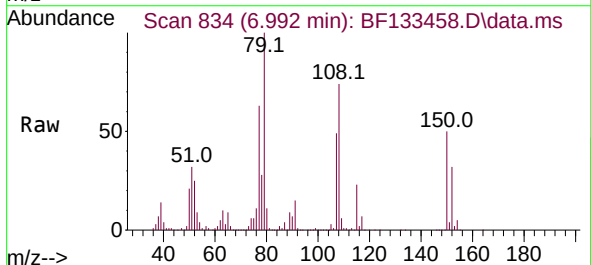
Tgt Ion: 79 Resp: 561038

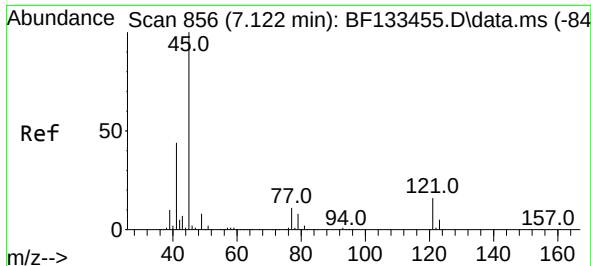
Ion Ratio Lower Upper

79 100

108 74.0 60.5 90.7

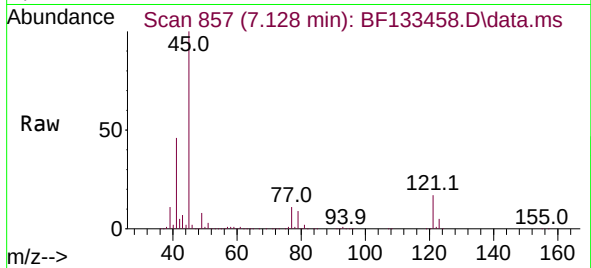
77 62.8 49.9 74.9





#16
2,2'-oxybis(1-Chloropropane)
Concen: 68.460 ng
RT: 7.128 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

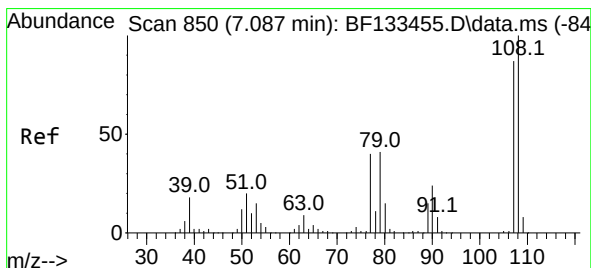
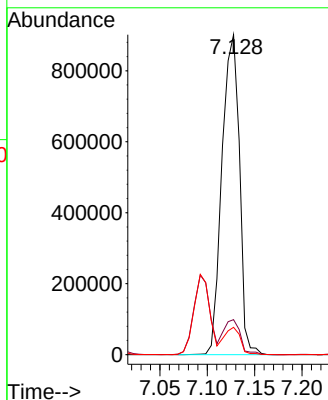
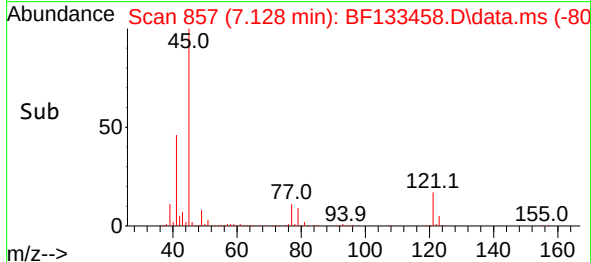
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 45 Resp: 1159660
Ion Ratio Lower Upper
45 100
77 11.0 0.0 30.9
79 8.6 0.0 28.0

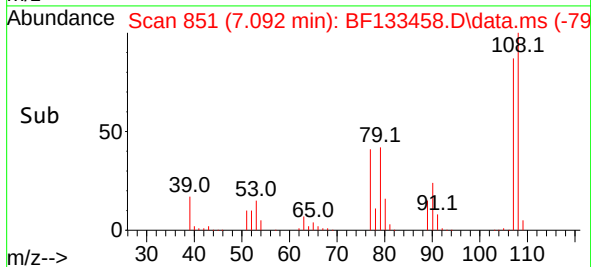
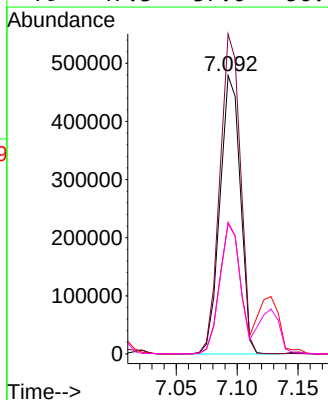
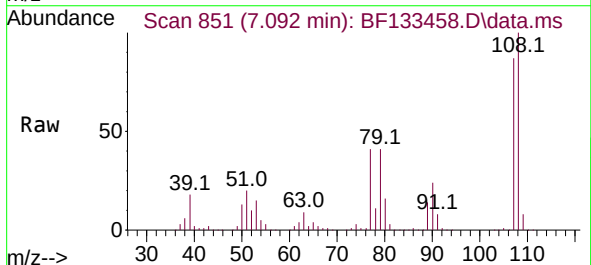
Manual Integrations
APPROVED

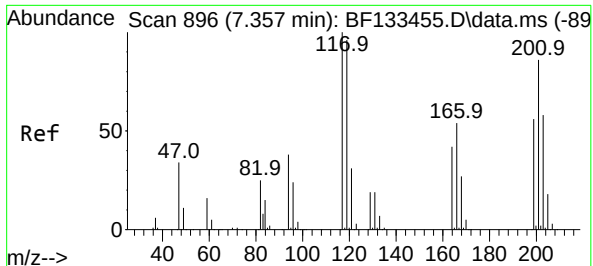
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#17
2-Methylphenol
Concen: 69.197 ng
RT: 7.092 min Scan# 851
Delta R.T. 0.006 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

Tgt Ion:107 Resp: 558422
Ion Ratio Lower Upper
107 100
108 114.9 92.2 138.4
77 46.8 37.2 55.8
79 47.3 37.6 56.4





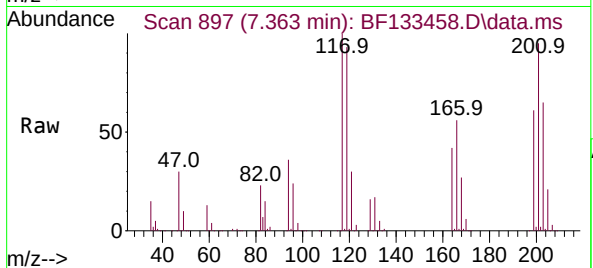
#18
Hexachloroethane
Concen: 72.626 ng
RT: 7.363 min Scan# 896
Delta R.T. 0.006 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

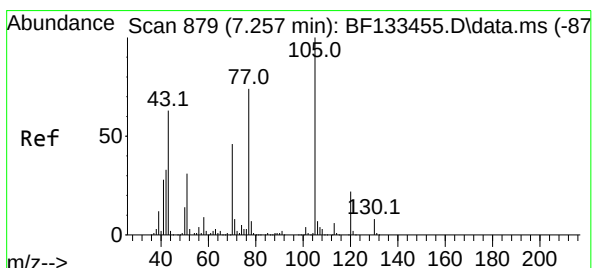
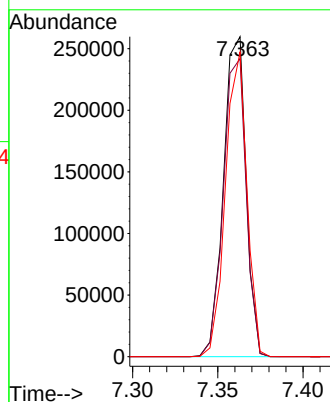
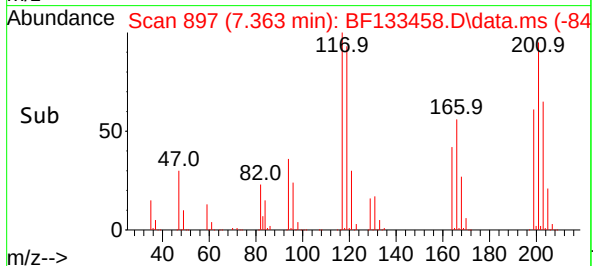


Tgt Ion:117 Resp: 239372
Ion Ratio Lower Upper
117 100
119 93.2 76.5 114.7
201 95.2 68.6 103.0

Manual Integrations

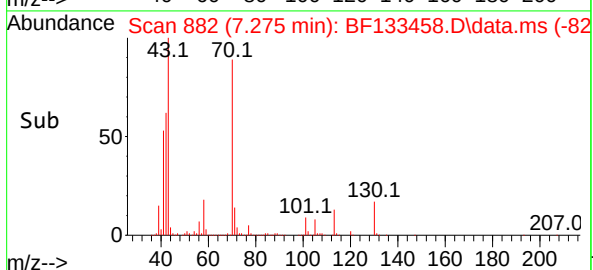
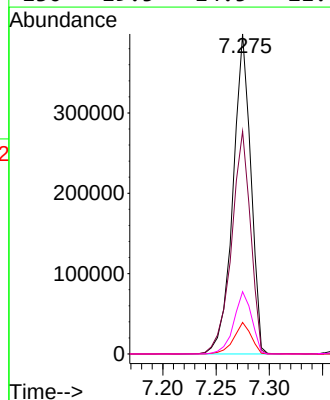
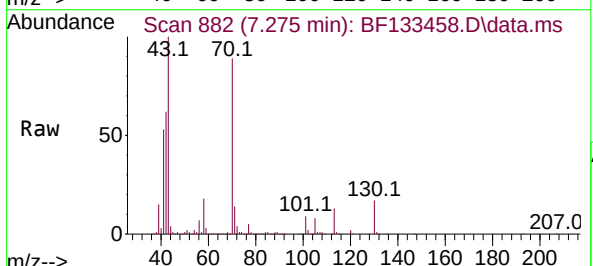
APPROVED

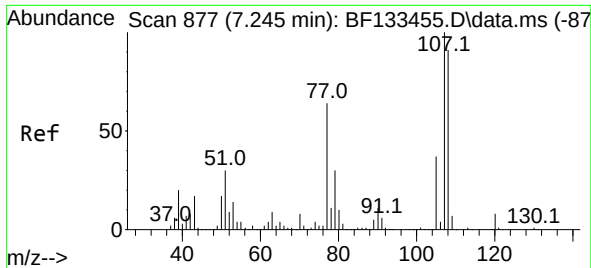
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#19
n-Nitroso-di-n-propylamine
Concen: 69.343 ng
RT: 7.275 min Scan# 882
Delta R.T. 0.018 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

Tgt Ion: 70 Resp: 465459
Ion Ratio Lower Upper
70 100
42 69.6 57.7 86.5
101 9.8 7.6 11.4
130 19.5 14.5 21.7





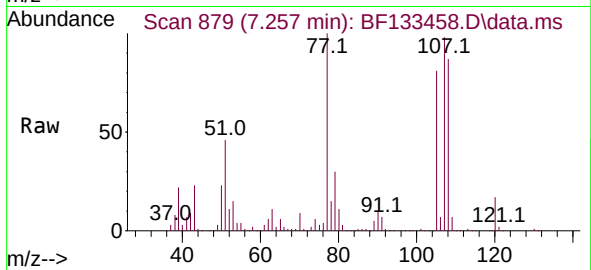
#20
3+4-Methylphenols
Concen: 61.281 ng
RT: 7.257 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

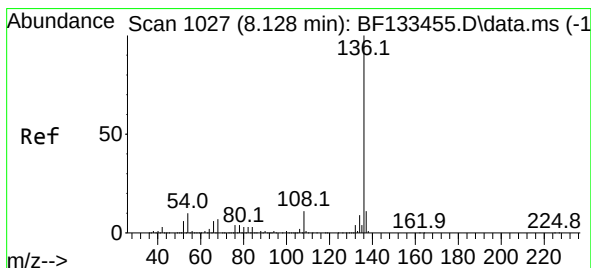
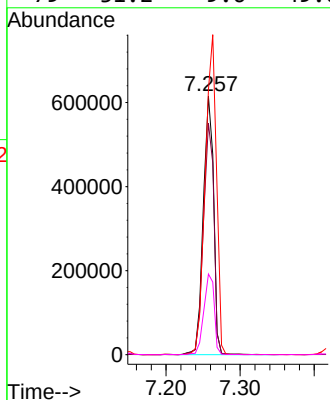
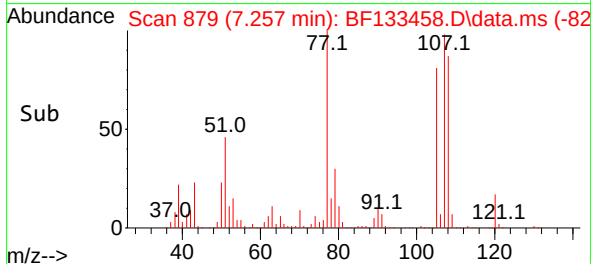


Tgt Ion:107 Resp: 598590
Ion Ratio Lower Upper
107 100
108 89.6 71.5 111.5
77 102.5 44.0 84.0
79 31.2 9.6 49.6

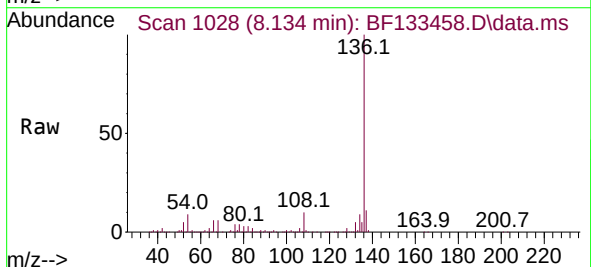
Manual Integrations

APPROVED

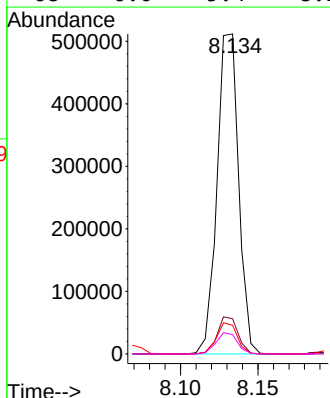
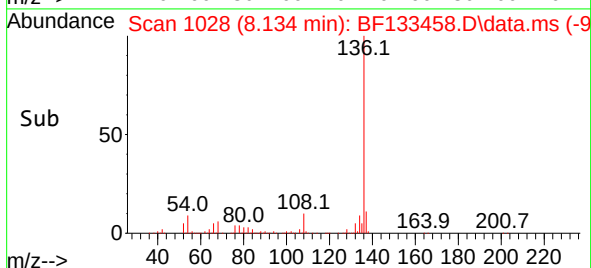
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023

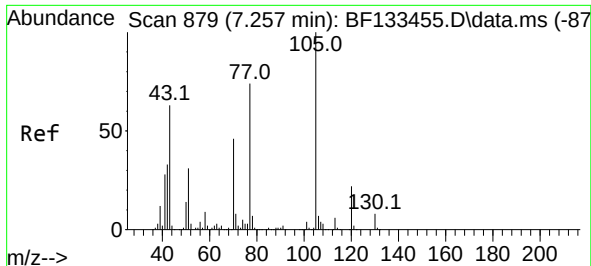


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1028
Delta R.T. 0.006 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14



Tgt Ion:136 Resp: 496735
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.0 8.0 12.0
68 6.0 5.4 8.2





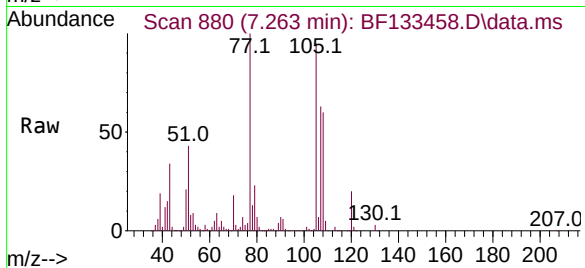
#22
Acetophenone
Concen: 64.927 ng
RT: 7.263 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

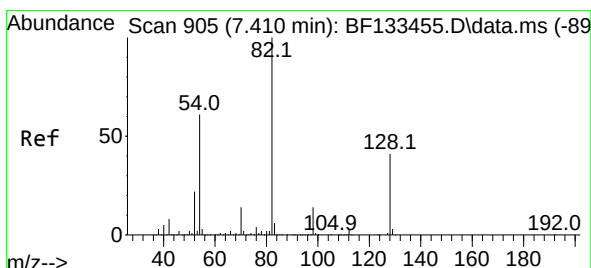
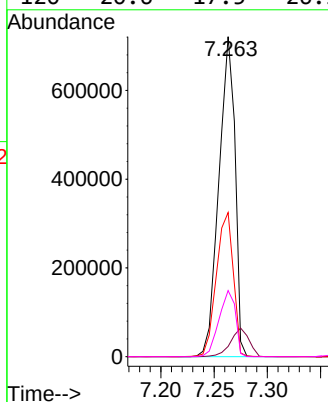
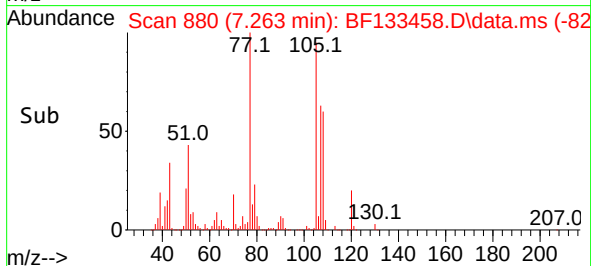


Tgt Ion: 105 Resp: 756830
Ion Ratio Lower Upper
105 100
71 3.2 6.2 9.4
51 45.1 24.6 36.8
120 20.6 17.5 26.3

Manual Integrations

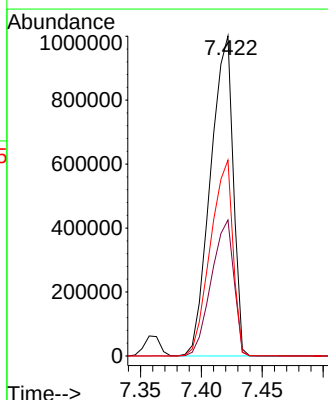
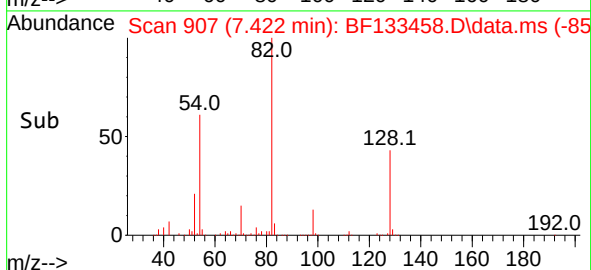
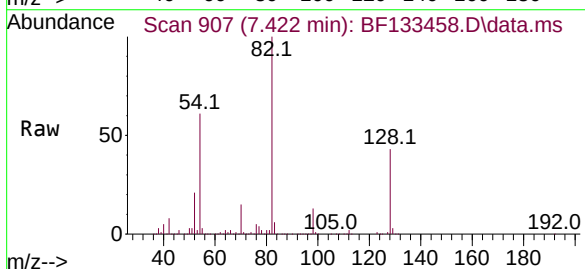
APPROVED

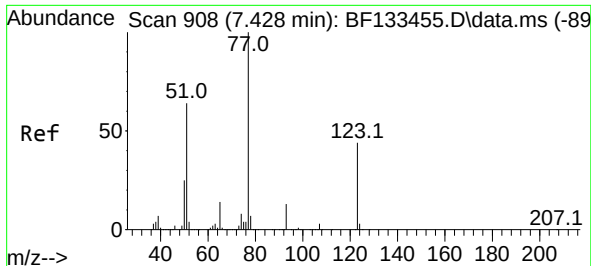
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#23
Nitrobenzene-d5
Concen: 180.243 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.012 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

Tgt Ion: 82 Resp: 1295034
Ion Ratio Lower Upper
82 100
128 42.5 33.0 49.6
54 61.2 48.5 72.7





#24
Nitrobenzene
Concen: 83.142 ng
RT: 7.440 min Scan# 910
Delta R.T. 0.012 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

Instrument :

BNA_F

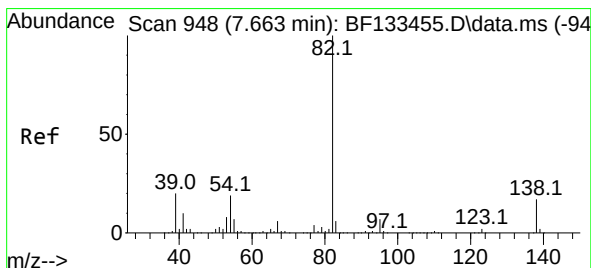
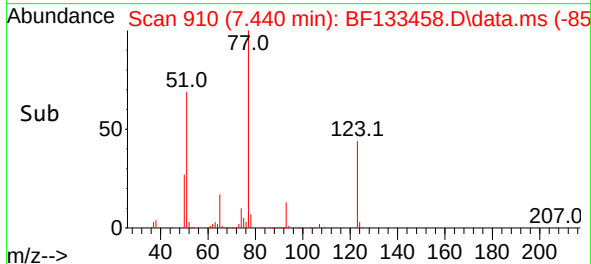
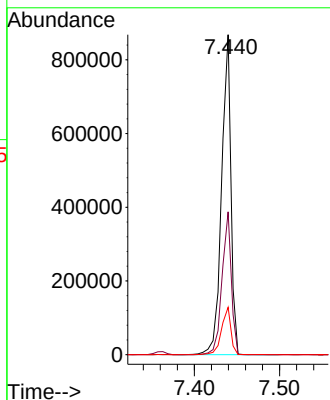
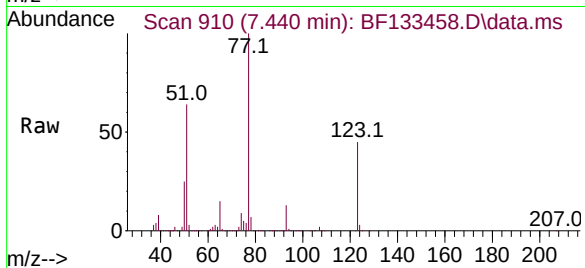
ClientSampleId :

SSTDICC080

Tgt Ion: 77 Resp: 660352
Ion Ratio Lower Upper
77 100
123 44.7 35.3 52.9
65 14.8 11.5 17.3

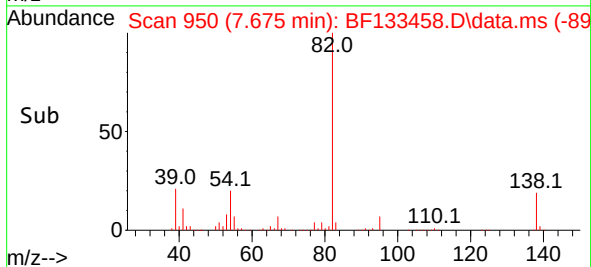
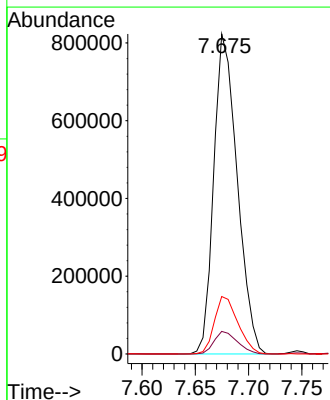
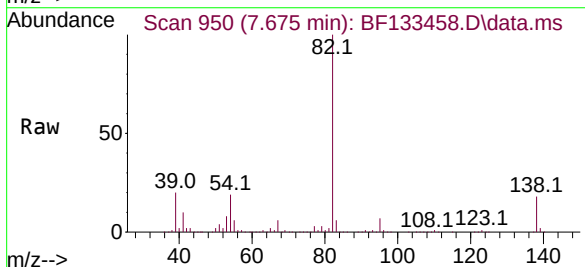
Manual Integrations
APPROVED

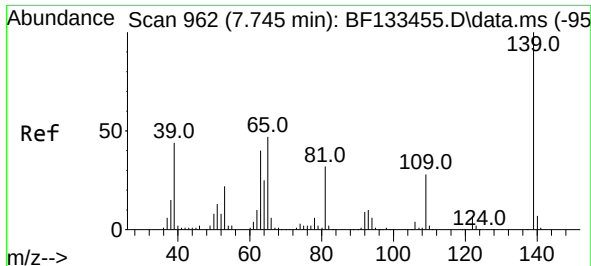
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#25
Isophorone
Concen: 74.496 ng
RT: 7.675 min Scan# 950
Delta R.T. 0.012 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

Tgt Ion: 82 Resp: 1259478
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.0
138 18.0 13.5 20.3





#26
2-Nitrophenol
Concen: 81.774 ng
RT: 7.745 min Scan# 962
Delta R.T. 0.000 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

Instrument :

BNA_F

ClientSampleId :

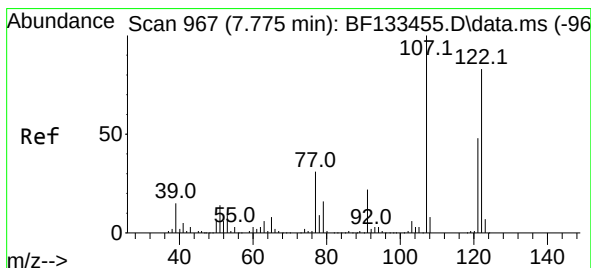
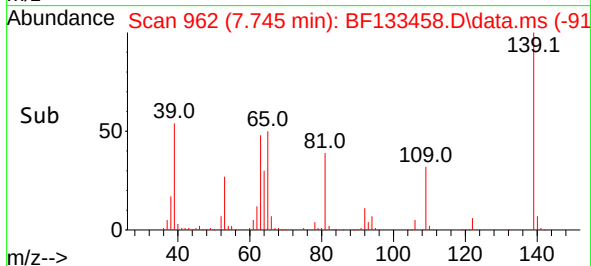
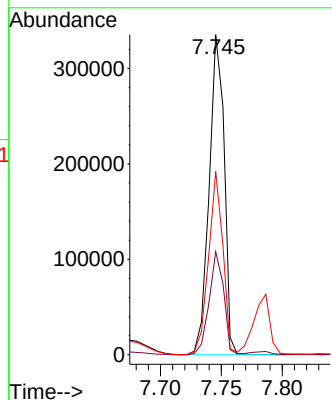
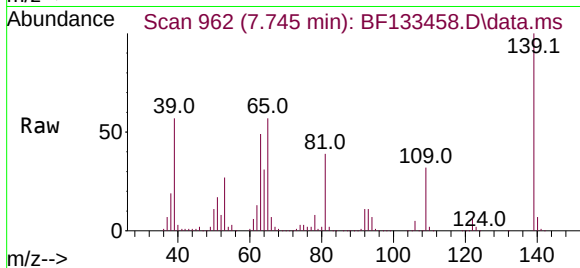
SSTDICC080

Tgt Ion:139 Resp: 287024
Ion Ratio Lower Upper
139 100
109 32.1 22.3 33.5
65 57.3 37.6 56.4

Manual Integrations

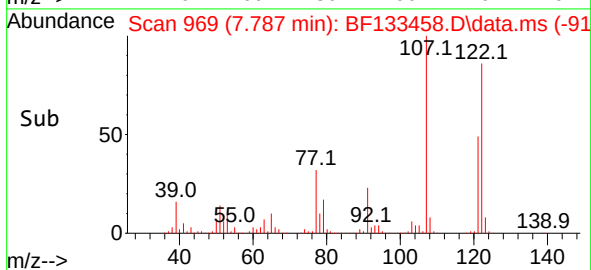
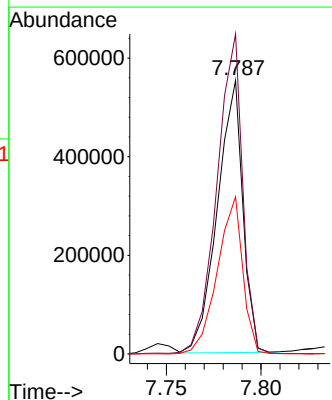
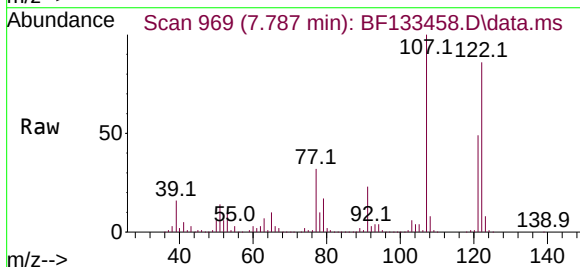
APPROVED

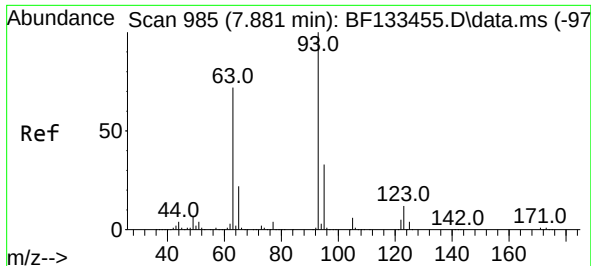
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#27
2,4-Dimethylphenol
Concen: 71.358 ng
RT: 7.787 min Scan# 969
Delta R.T. 0.012 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

Tgt Ion:122 Resp: 515631
Ion Ratio Lower Upper
122 100
107 116.9 95.7 143.5
121 57.4 45.8 68.8





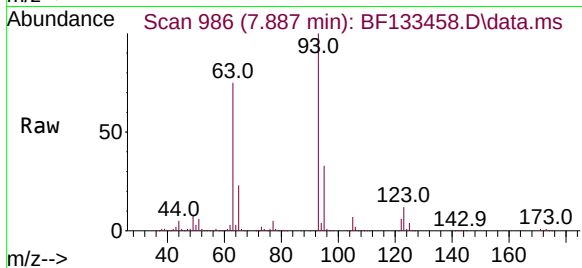
#28
bis(2-Chloroethoxy)methane
Concen: 69.540 ng
RT: 7.887 min Scan# 985
Delta R.T. 0.006 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

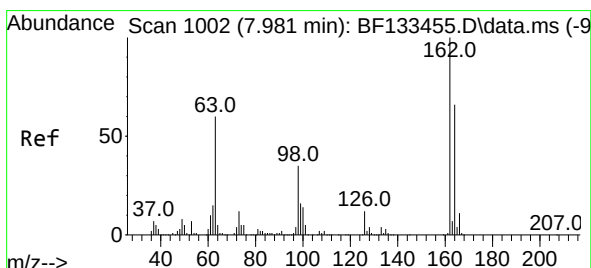
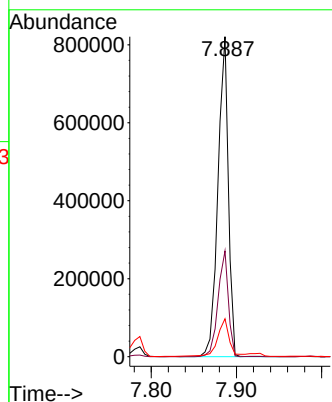
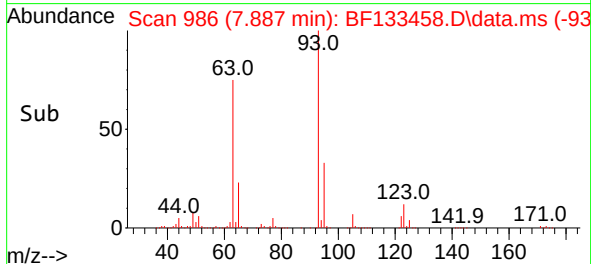


Tgt Ion: 93 Resp: 69457
Ion Ratio Lower Upper
93 100
95 33.0 26.3 39.5
123 11.9 9.9 14.9

Manual Integrations

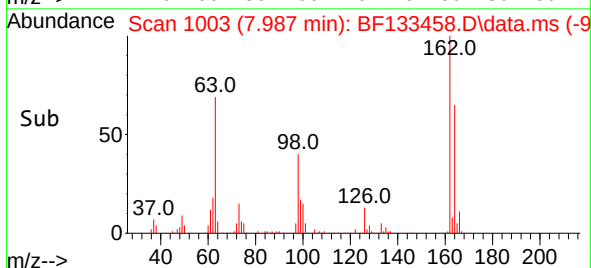
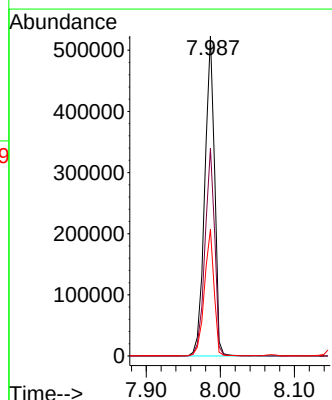
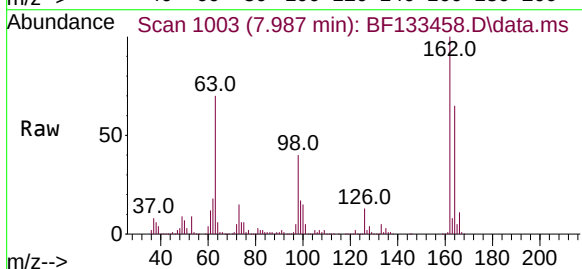
APPROVED

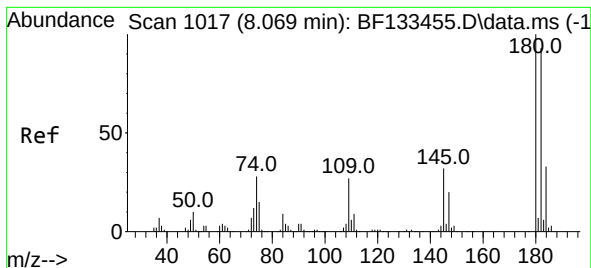
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#29
2,4-Dichlorophenol
Concen: 73.985 ng
RT: 7.987 min Scan# 1003
Delta R.T. 0.006 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

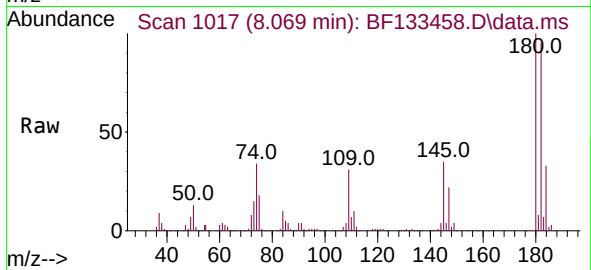
Tgt Ion:162 Resp: 484761
Ion Ratio Lower Upper
162 100
164 64.9 46.0 86.0
98 39.6 15.5 55.5





#30
1,2,4-Trichlorobenzene
Concen: 69.537 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

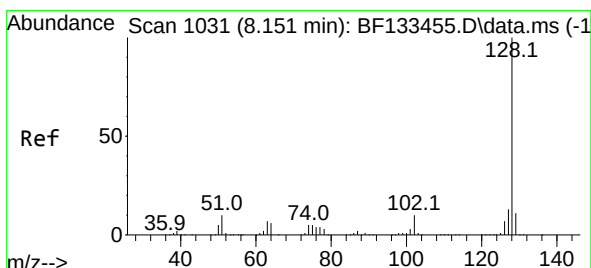
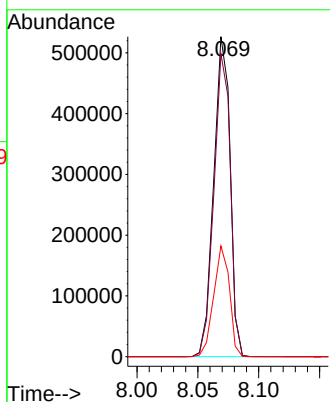
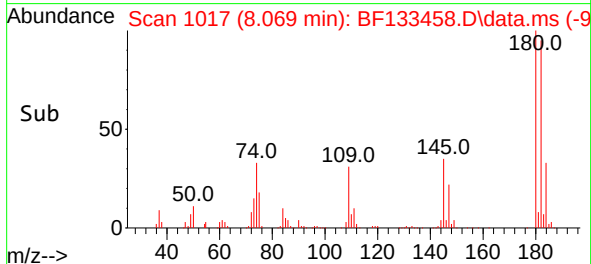
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



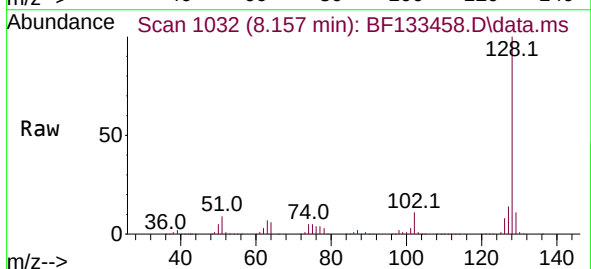
Tgt Ion:180 Resp: 495468
Ion Ratio Lower Upper
180 100
182 94.7 74.5 111.7
145 34.6 25.8 38.8

Manual Integrations
APPROVED

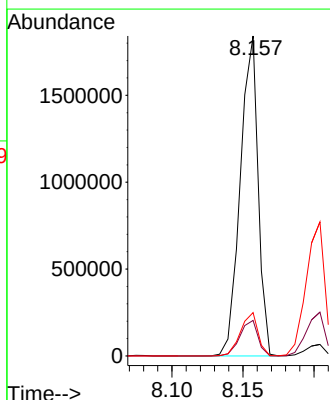
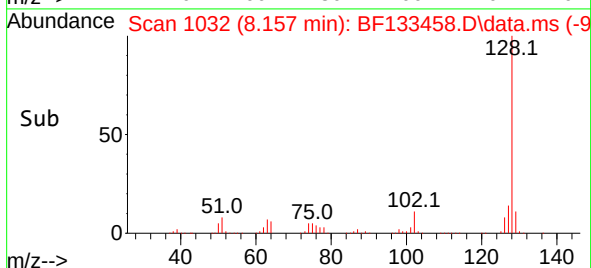
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023

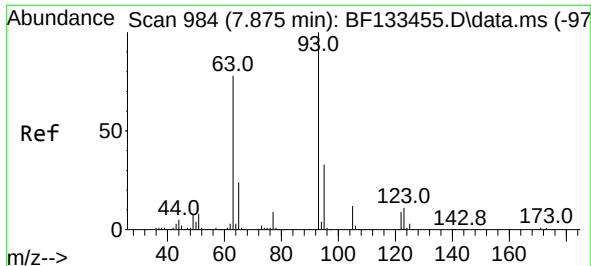


#31
Naphthalene
Concen: 66.080 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.006 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14



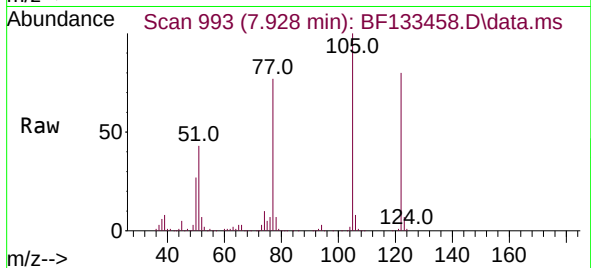
Tgt Ion:128 Resp: 1612330
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.6 10.6 15.8





#32
Benzoic acid
Concen: 79.043 ng m
RT: 7.928 min Scan# 993
Delta R.T. 0.053 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

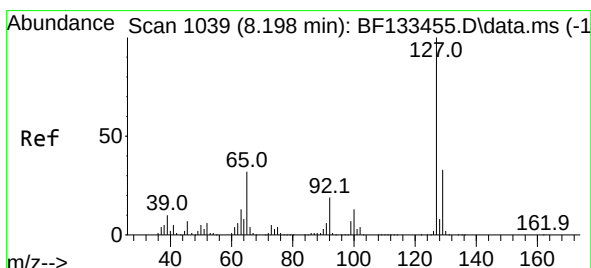
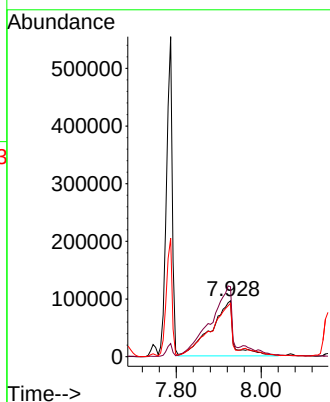
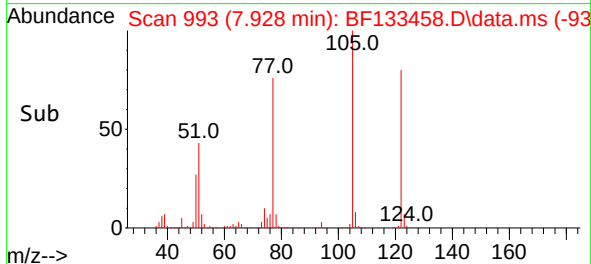
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:122 Resp: 360985
Ion Ratio Lower Upper
122 100
105 125.0 111.2 151.2
77 95.7 82.0 122.0

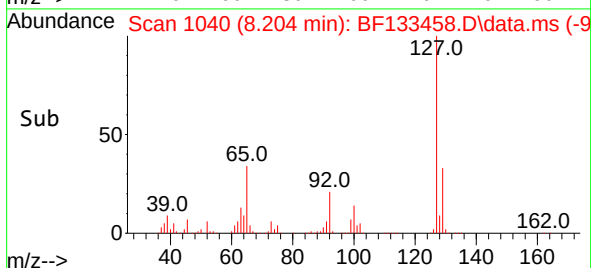
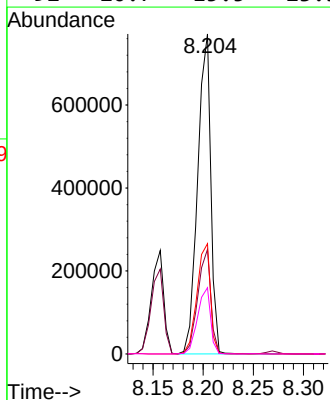
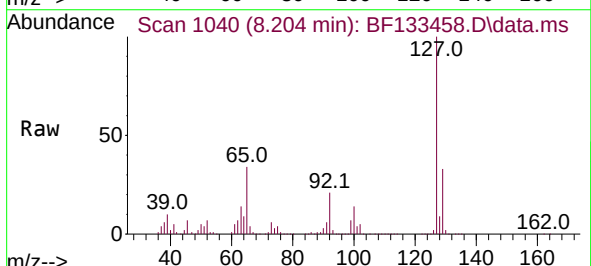
Manual Integrations
APPROVED

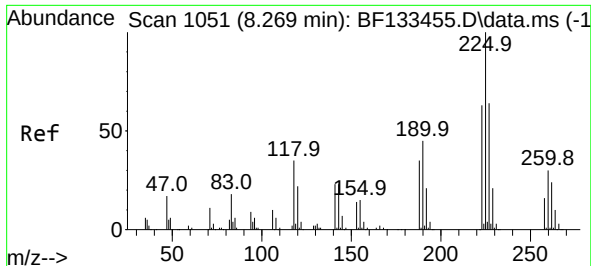
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#33
4-Chloroaniline
Concen: 68.752 ng
RT: 8.204 min Scan# 1040
Delta R.T. 0.006 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

Tgt Ion:127 Resp: 702826
Ion Ratio Lower Upper
127 100
129 32.7 26.1 39.1
65 34.5 25.9 38.9
92 20.7 15.5 23.3





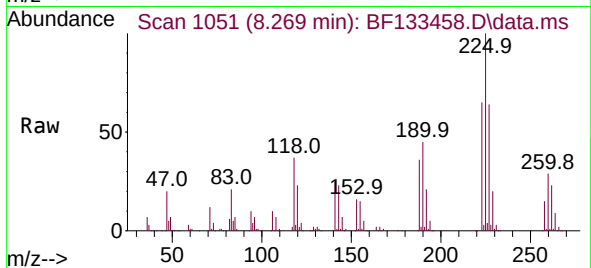
#34
Hexachlorobutadiene
Concen: 71.088 ng
RT: 8.269 min Scan# 1051
Delta R.T. 0.000 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

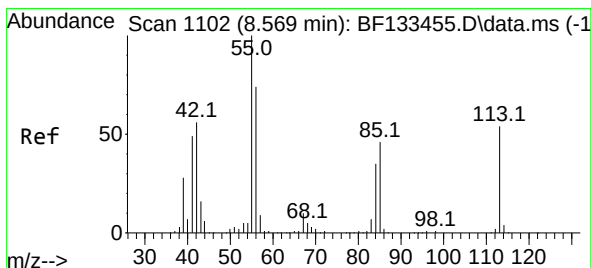
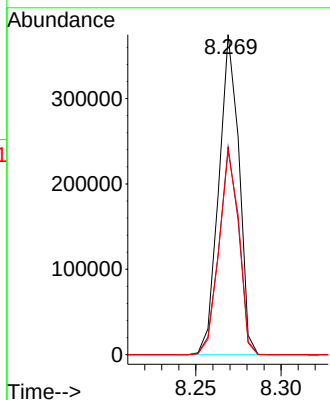
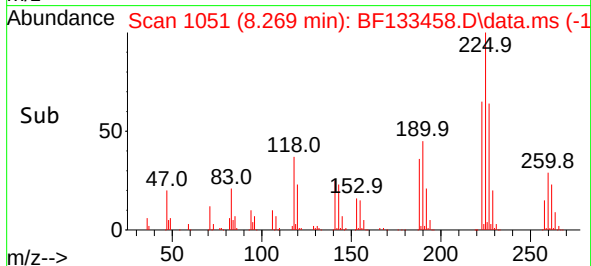


Tgt Ion:225 Resp: 30784
Ion Ratio Lower Upper
225 100
223 64.9 50.7 76.1
227 63.7 51.0 76.4

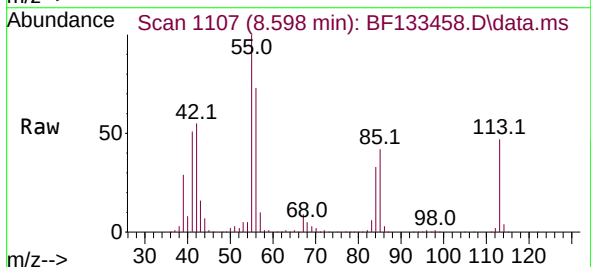
Manual Integrations

APPROVED

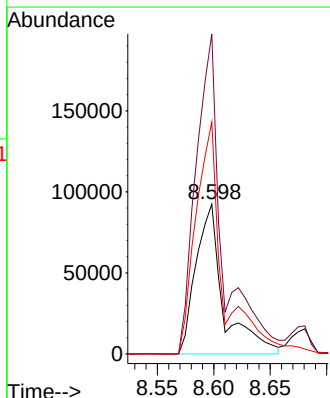
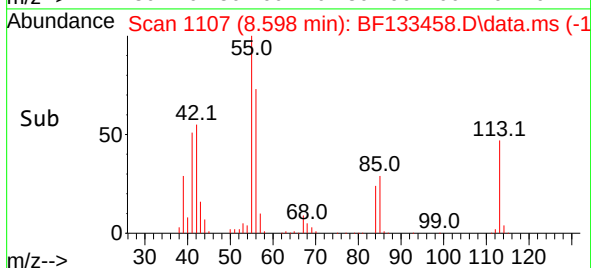
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023

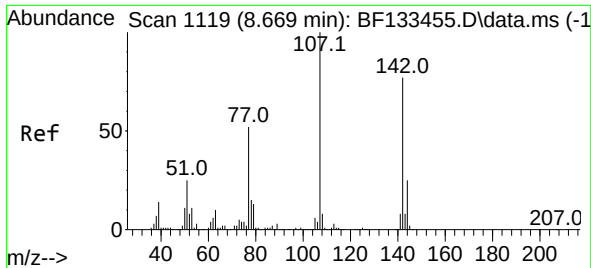


#35
Caprolactam
Concen: 79.275 ng m
RT: 8.598 min Scan# 1107
Delta R.T. 0.030 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14



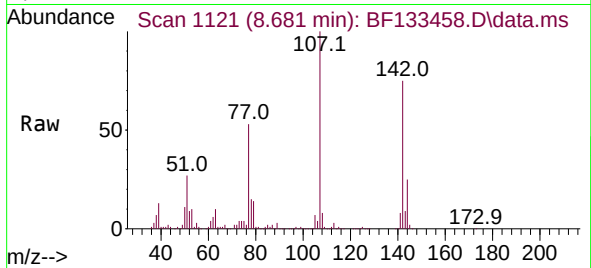
Tgt Ion:113 Resp: 157761
Ion Ratio Lower Upper
113 100
55 213.8 164.2 204.2#
56 155.0 115.7 155.7





#36
4-Chloro-3-methylphenol
Concen: 75.330 ng
RT: 8.681 min Scan# 1121
Delta R.T. 0.012 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

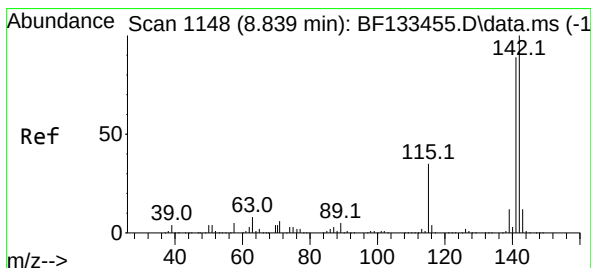
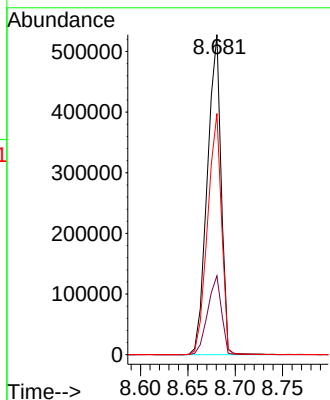
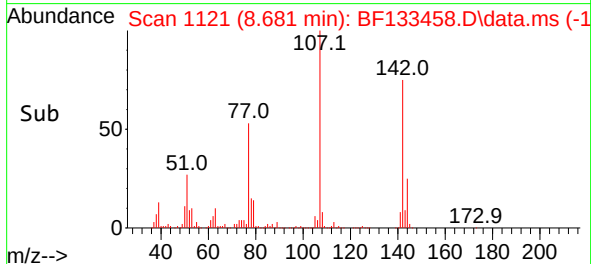
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:107 Resp: 534090
Ion Ratio Lower Upper
107 100
144 24.6 19.8 29.6
142 75.4 61.7 92.5

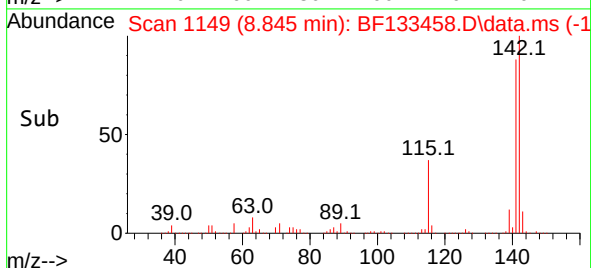
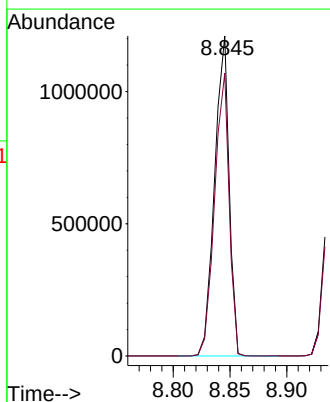
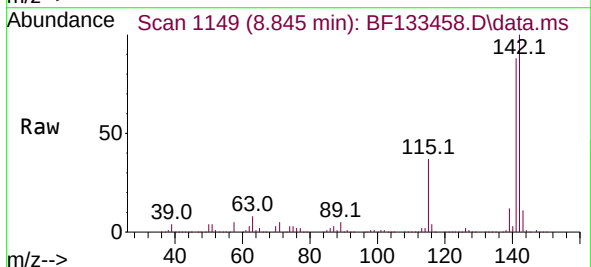
Manual Integrations
APPROVED

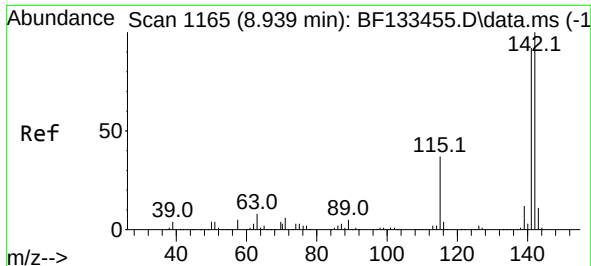
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#37
2-Methylnaphthalene
Concen: 65.938 ng
RT: 8.845 min Scan# 1149
Delta R.T. 0.006 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

Tgt Ion:142 Resp: 1078550
Ion Ratio Lower Upper
142 100
141 88.4 70.9 106.3





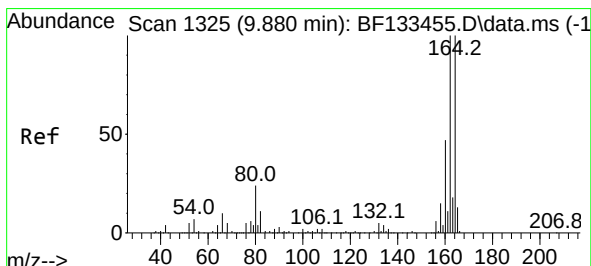
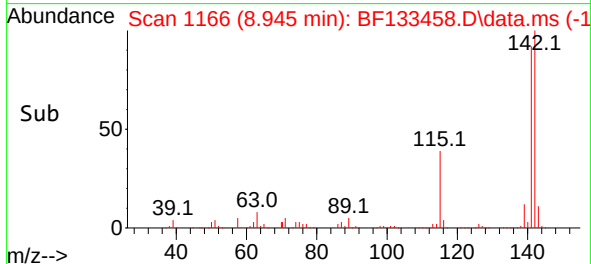
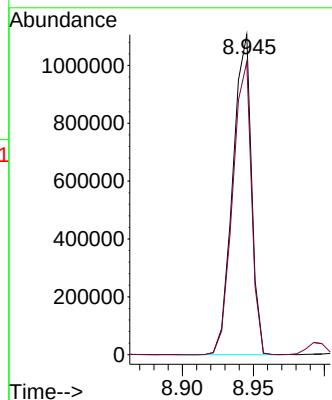
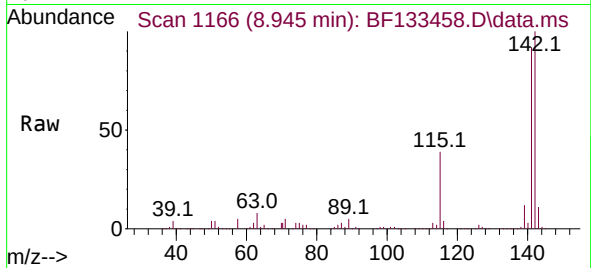
#38
1-Methylnaphthalene
Concen: 66.385 ng
RT: 8.945 min Scan# 1166
Delta R.T. 0.006 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:142 Resp: 1011818
Ion Ratio Lower Upper
142 100
141 91.5 73.3 109.9

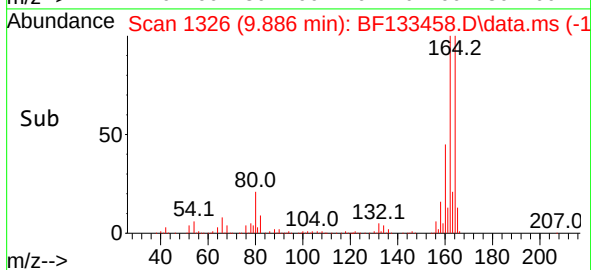
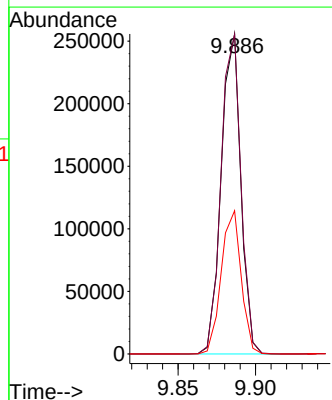
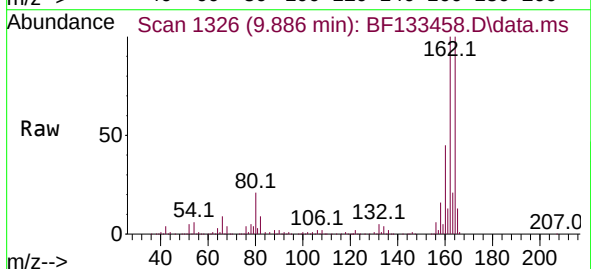
Manual Integrations
APPROVED

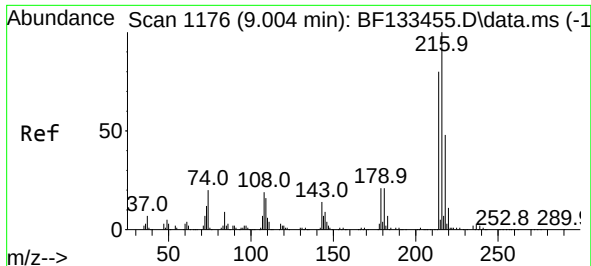
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.006 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

Tgt Ion:164 Resp: 224587
Ion Ratio Lower Upper
164 100
162 100.0 79.8 119.6
160 44.8 37.4 56.0





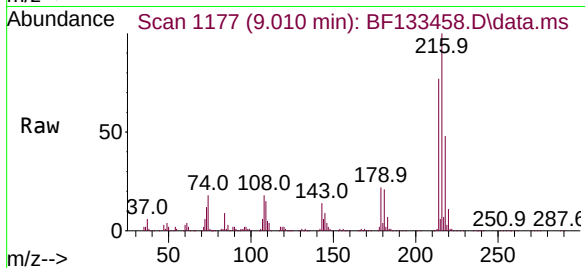
#40
1,2,4,5-Tetrachlorobenzene
Concen: 67.790 ng
RT: 9.010 min Scan# 1177
Delta R.T. 0.006 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

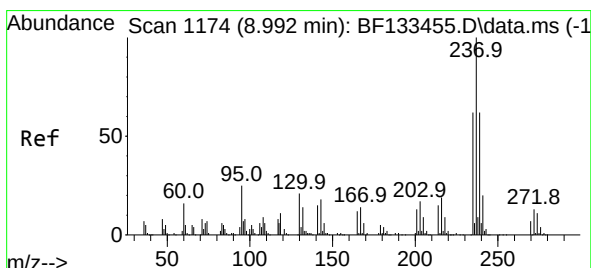
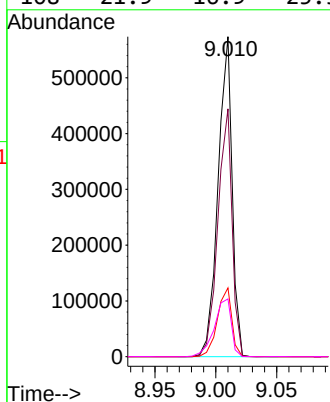
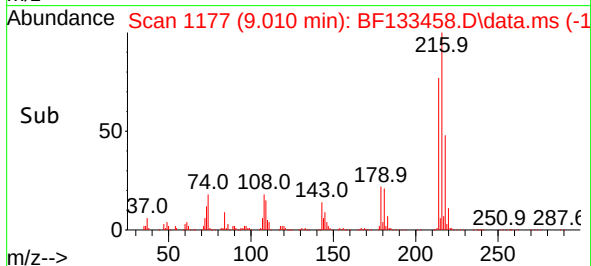


Tgt Ion:216 Resp: 462718
Ion Ratio Lower Upper
216 100
214 78.2 64.1 96.1
179 21.9 17.4 26.2
108 21.9 16.9 25.3

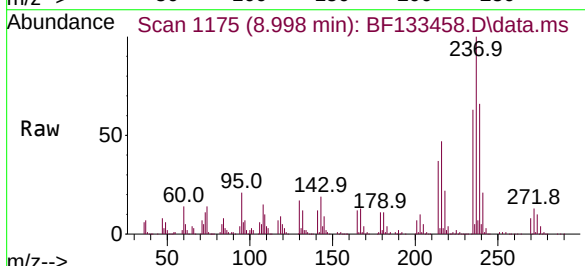
Manual Integrations

APPROVED

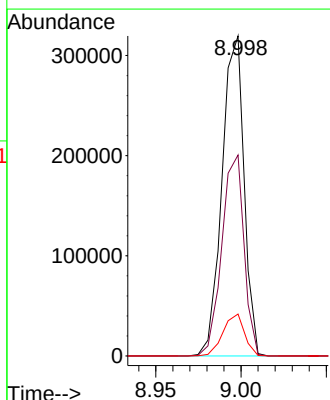
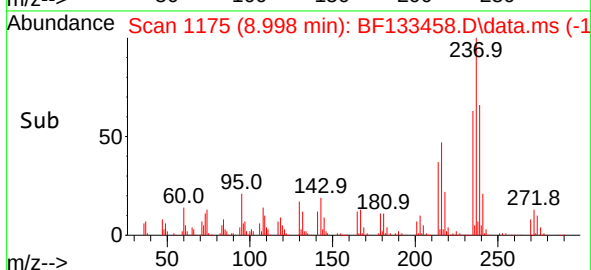
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023

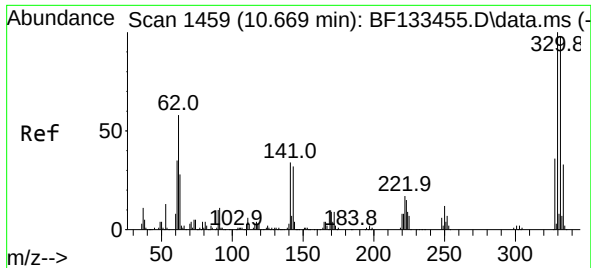


#41
Hexachlorocyclopentadiene
Concen: 88.548 ng
RT: 8.998 min Scan# 1175
Delta R.T. 0.006 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14



Tgt Ion:237 Resp: 288263
Ion Ratio Lower Upper
237 100
235 62.8 42.0 82.0
272 13.1 0.0 32.5





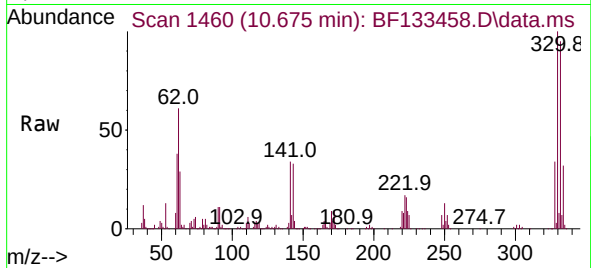
#42
2,4,6-Tribromophenol
Concen: 157.946 ng
RT: 10.675 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

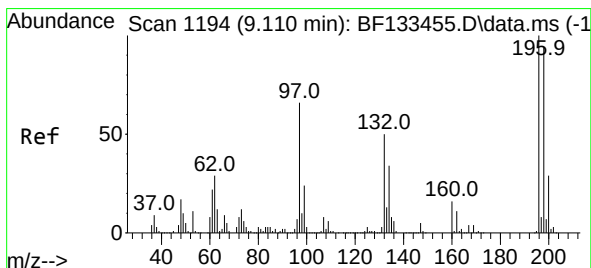
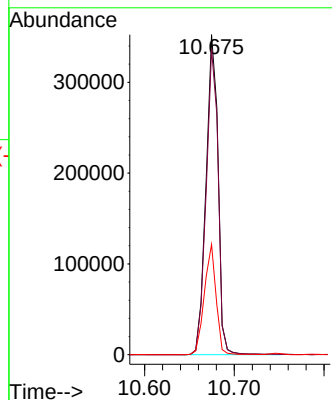
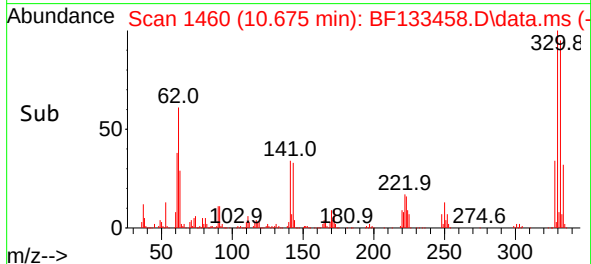


Tgt Ion:330 Resp: 327680
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.6
141 33.6 28.5 42.7

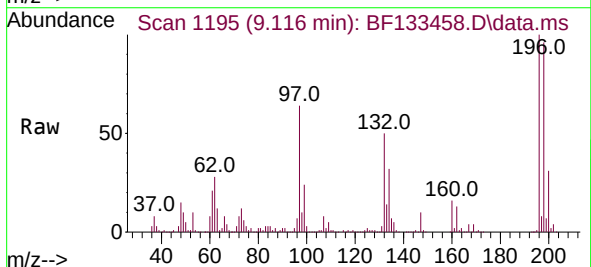
Manual Integrations

APPROVED

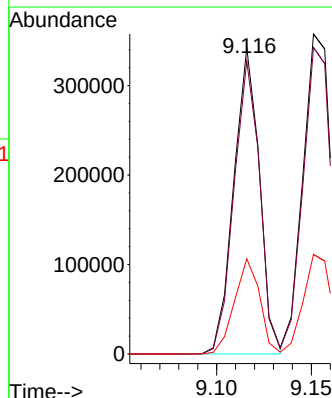
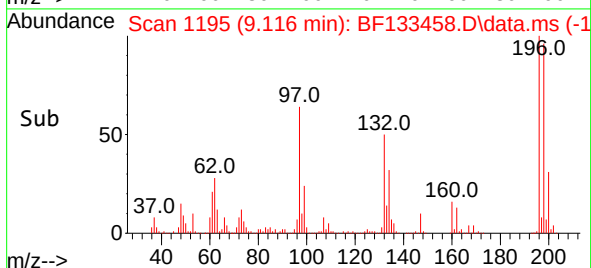
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023

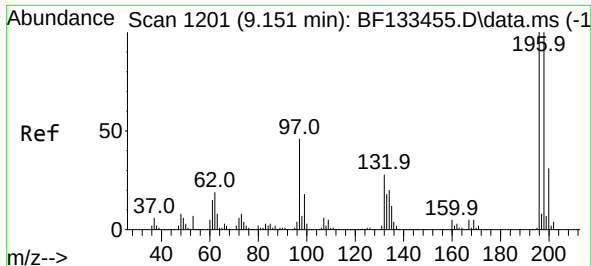


#43
2,4,6-Trichlorophenol
Concen: 77.086 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14



Tgt Ion:196 Resp: 323110
Ion Ratio Lower Upper
196 100
198 95.7 75.4 113.0
200 31.1 23.3 34.9





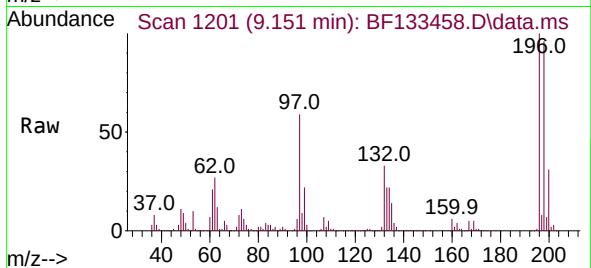
#44
2,4,5-Trichlorophenol
Concen: 76.768 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

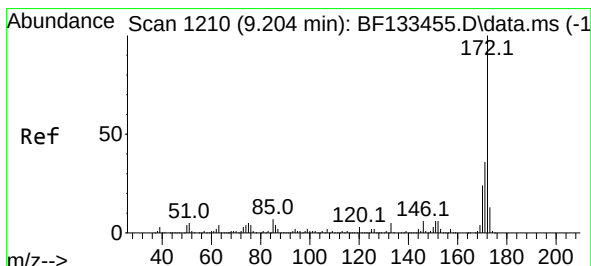
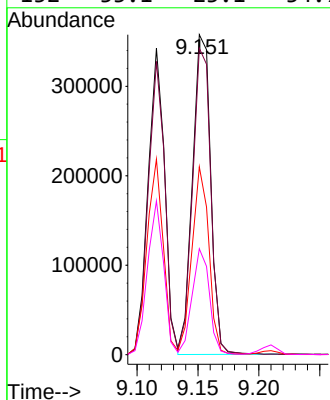
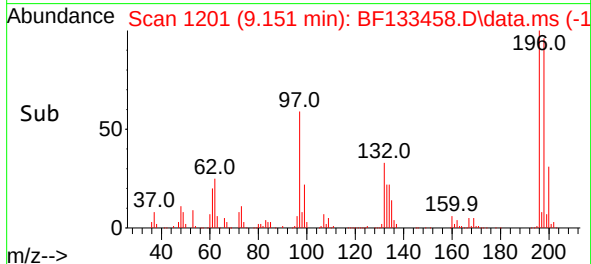


Tgt Ion:196 Resp: 37217
Ion Ratio Lower Upper
196 100
198 95.8 79.3 118.9
97 58.7 37.9 56.9
132 33.1 23.1 34.7

Manual Integrations

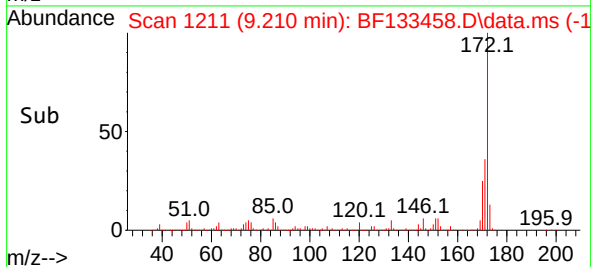
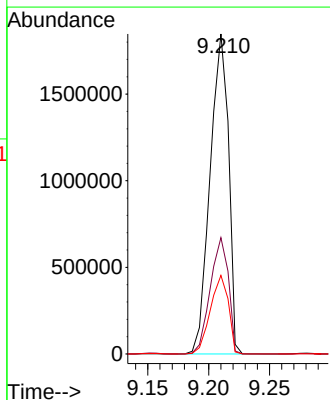
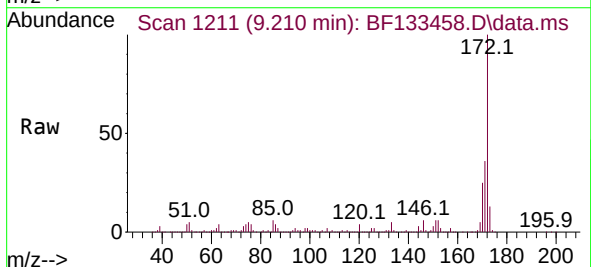
APPROVED

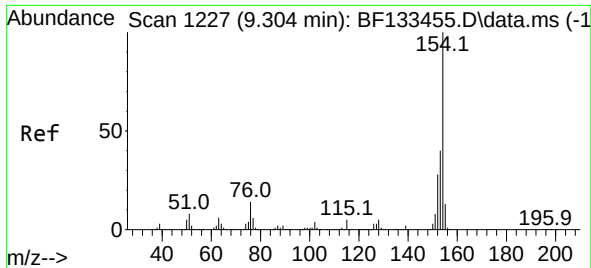
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#45
2-Fluorobiphenyl
Concen: 122.025 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.006 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

Tgt Ion:172 Resp: 1947877
Ion Ratio Lower Upper
172 100
171 36.4 28.5 42.7
170 24.5 19.0 28.4





#46
1,1'-Biphenyl
Concen: 66.093 ng
RT: 9.310 min Scan# 1227
Delta R.T. 0.006 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

Instrument :

BNA_F

ClientSampleId :

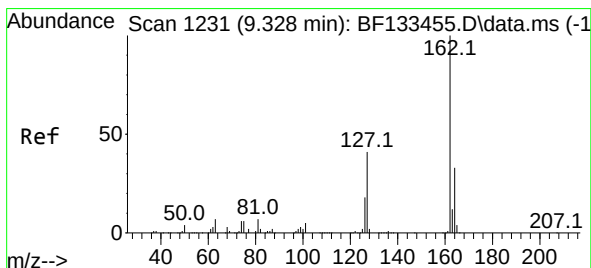
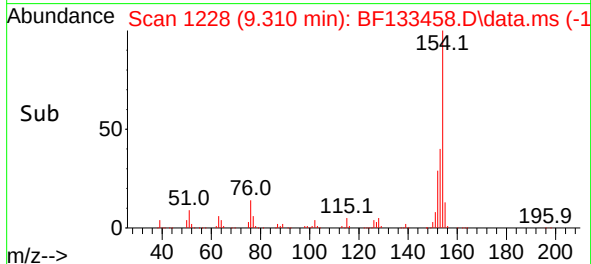
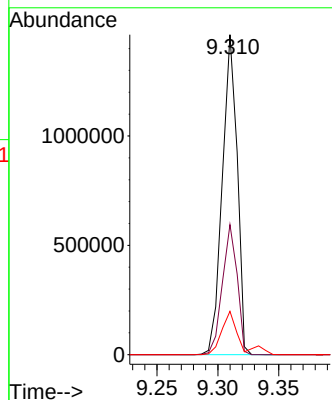
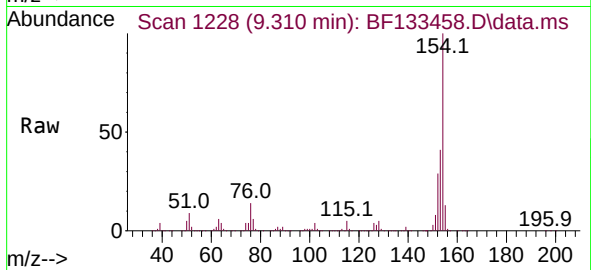
SSTDICC080

Tgt Ion:154 Resp: 124498
Ion Ratio Lower Upper
154 100
153 40.6 19.8 59.8
76 13.5 0.0 33.8

Manual Integrations

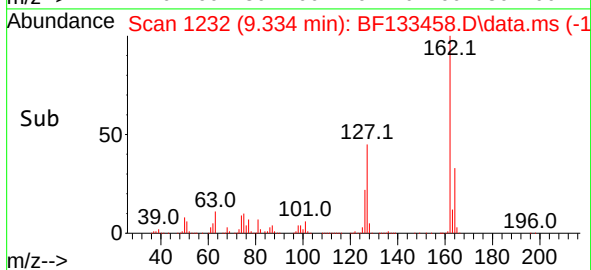
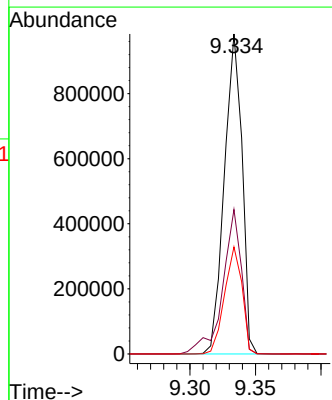
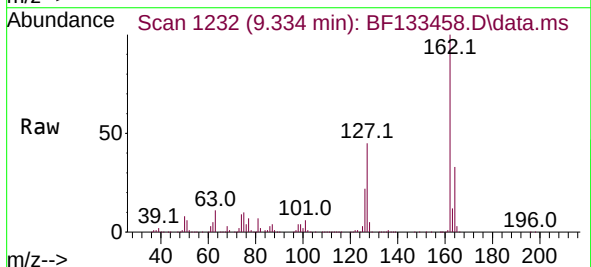
APPROVED

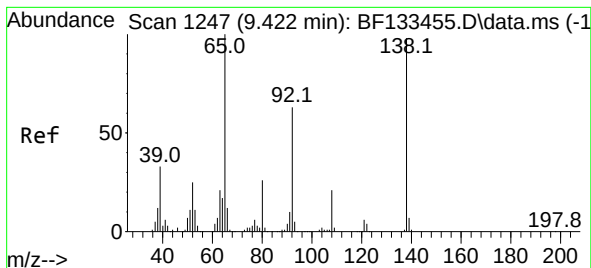
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#47
2-Chloronaphthalene
Concen: 67.984 ng
RT: 9.334 min Scan# 1232
Delta R.T. 0.006 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

Tgt Ion:162 Resp: 918642
Ion Ratio Lower Upper
162 100
127 45.1 34.6 51.8
164 33.5 26.2 39.4





#48

2-Nitroaniline

Concen: 80.205 ng

RT: 9.428 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133458.D

Acq: 23 May 2023 15:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 65 Resp: 335160

Ion Ratio Lower Upper

65 100

92 63.1 50.1 75.1

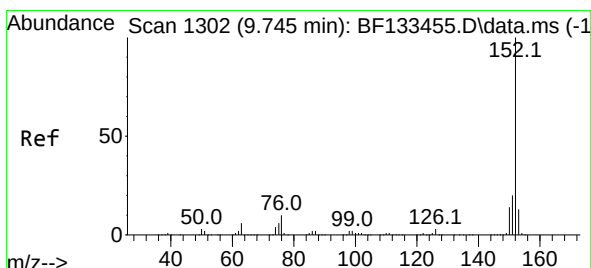
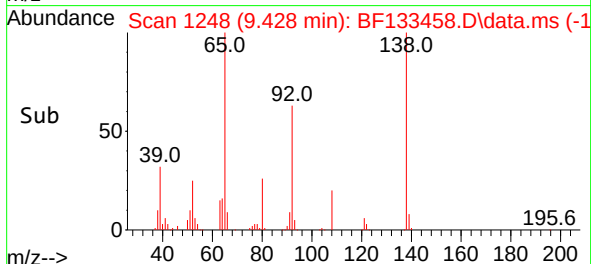
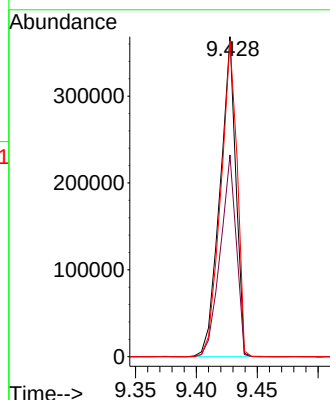
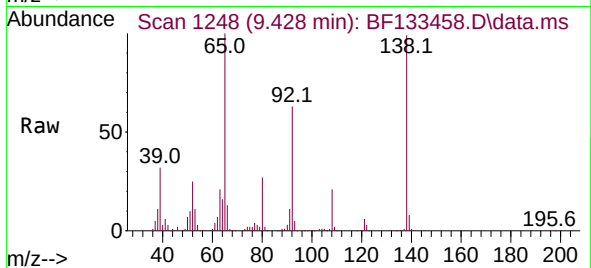
138 98.7 78.6 118.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/24/2023

Supervised By :Jagrut Upadhyay 05/25/2023



#49

Acenaphthylene

Concen: 67.935 ng

RT: 9.751 min Scan# 1303

Delta R.T. 0.006 min

Lab File: BF133458.D

Acq: 23 May 2023 15:14

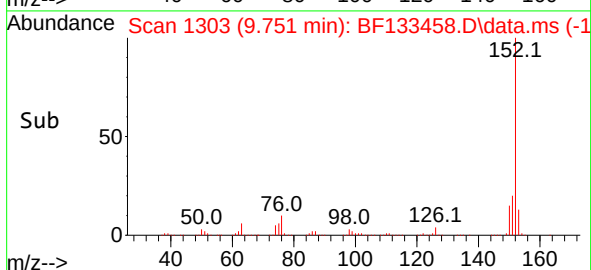
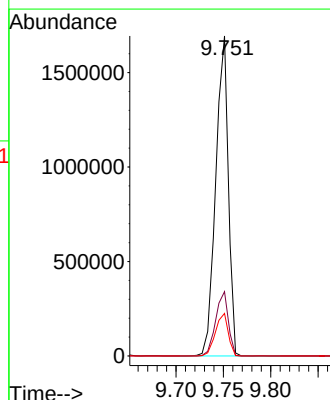
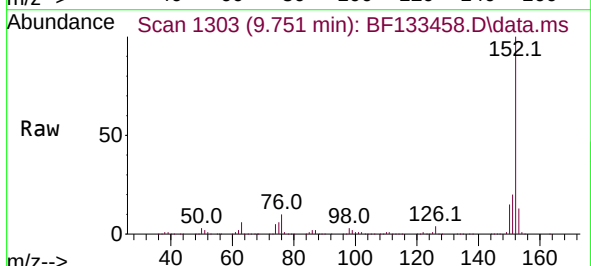
Tgt Ion:152 Resp: 1559451

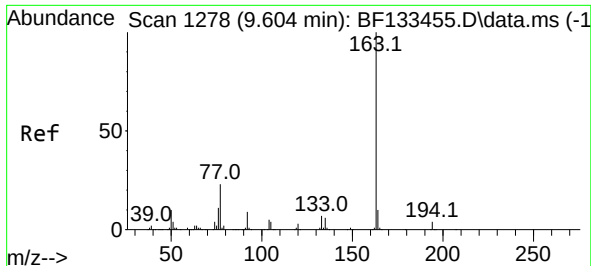
Ion Ratio Lower Upper

152 100

151 20.1 16.0 24.0

153 13.3 10.4 15.6





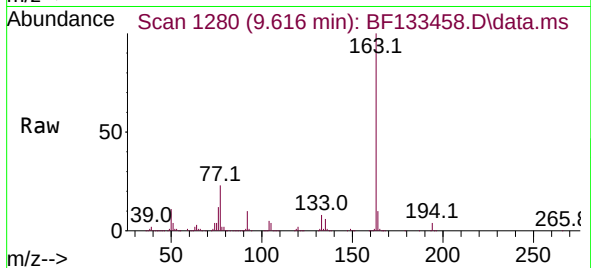
#50
Dimethylphthalate
Concen: 71.215 ng
RT: 9.616 min Scan# 1278
Delta R.T. 0.012 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

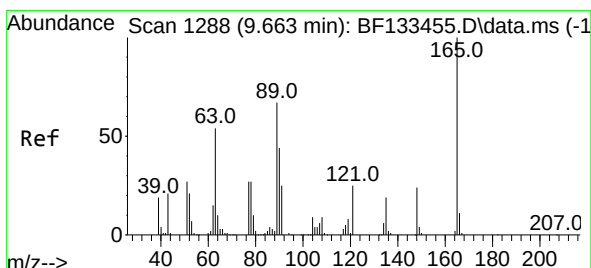
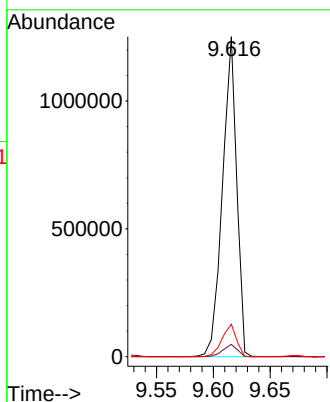
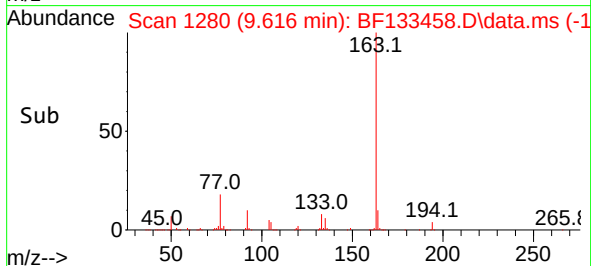


Tgt Ion:163 Resp: 109194
Ion Ratio Lower Upper
163 100
194 3.8 2.9 4.3
164 10.1 8.3 12.5

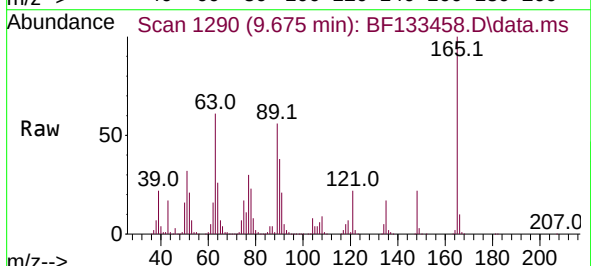
Manual Integrations

APPROVED

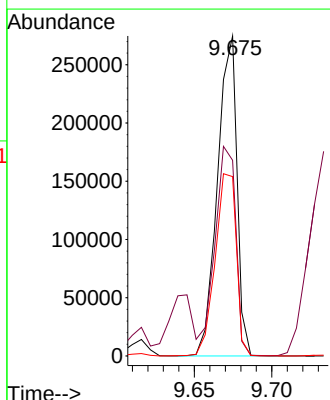
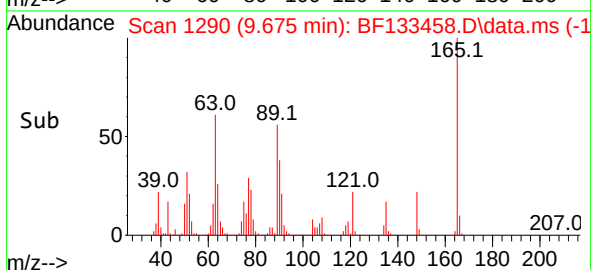
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023

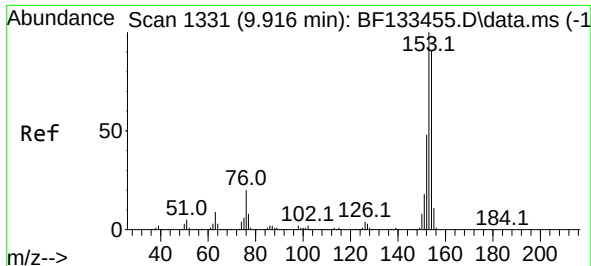


#51
2,6-Dinitrotoluene
Concen: 79.824 ng
RT: 9.675 min Scan# 1290
Delta R.T. 0.012 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14



Tgt Ion:165 Resp: 240568
Ion Ratio Lower Upper
165 100
63 61.1 61.0 91.4
89 56.1 53.5 80.3





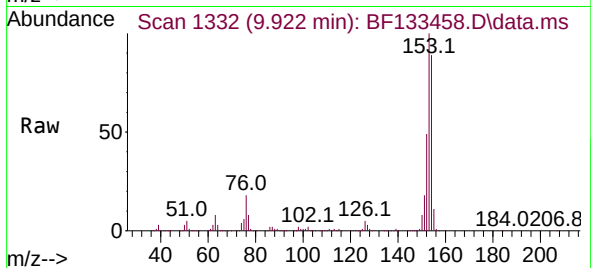
#52
Acenaphthene
Concen: 69.401 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

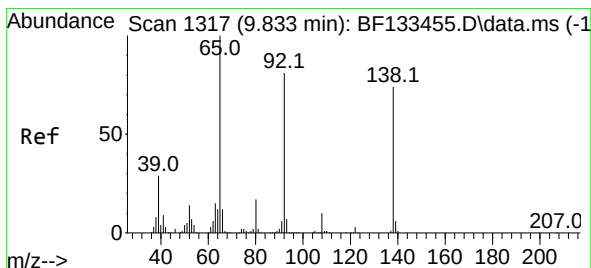
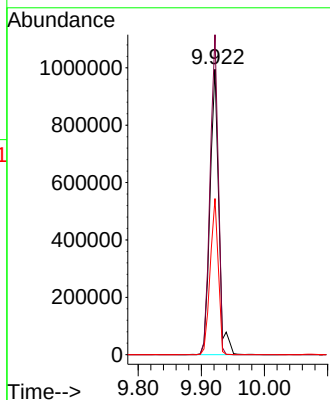
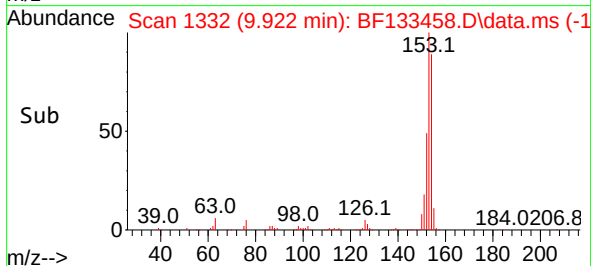


Tgt Ion:154 Resp: 95656
Ion Ratio Lower Upper
154 100
153 112.1 87.6 131.4
152 54.7 41.8 62.8

Manual Integrations

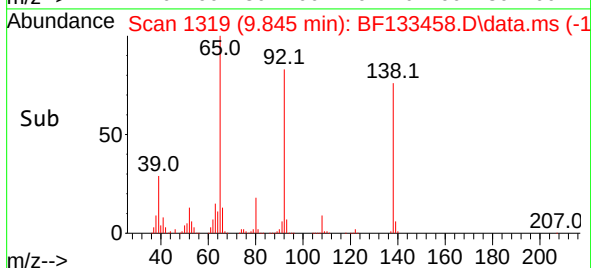
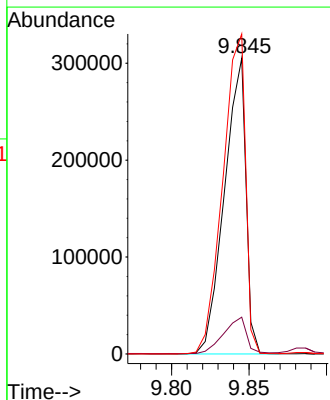
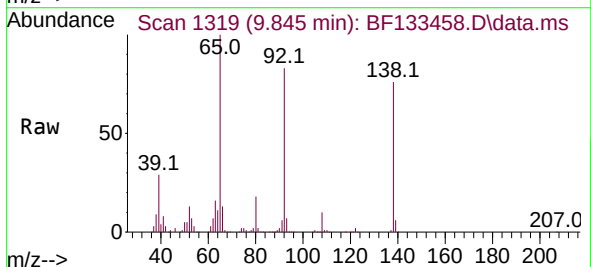
APPROVED

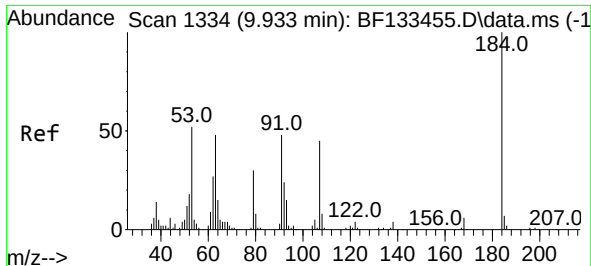
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#53
3-Nitroaniline
Concen: 78.957 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.012 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

Tgt Ion:138 Resp: 294135
Ion Ratio Lower Upper
138 100
108 12.5 11.4 17.0
92 108.2 88.4 132.6





#54
2,4-Dinitrophenol
Concen: 79.455 ng
RT: 9.939 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

Instrument :

BNA_F

ClientSampleId :

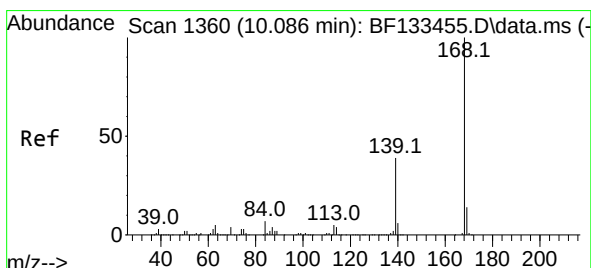
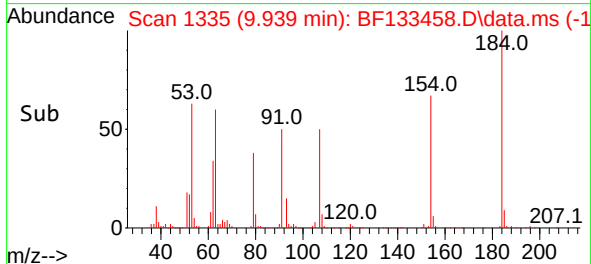
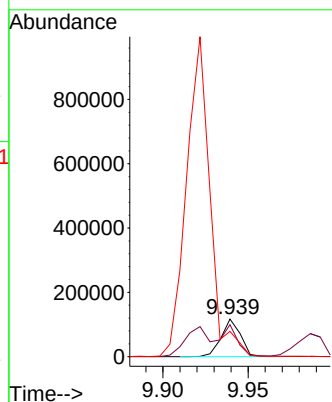
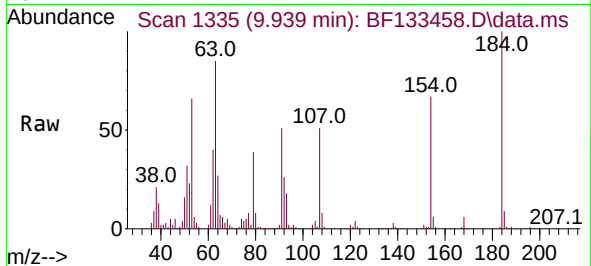
SSTDICC080

Tgt Ion:184 Resp: 9271
Ion Ratio Lower Upper
184 100
63 85.2 54.4 81.6
154 67.3 51.3 76.9

Manual Integrations

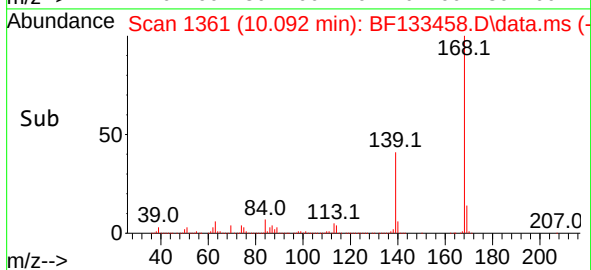
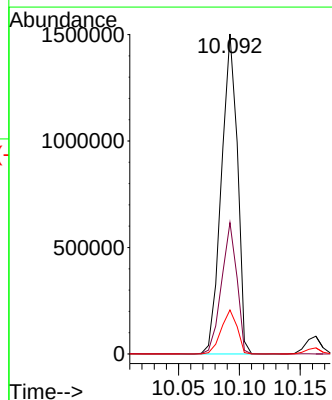
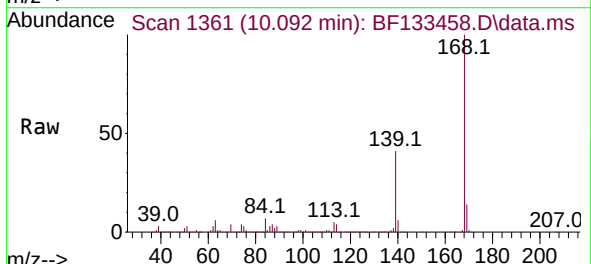
APPROVED

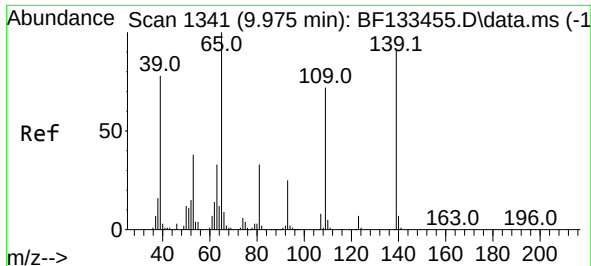
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#55
Dibenzofuran
Concen: 66.920 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

Tgt Ion:168 Resp: 1376642
Ion Ratio Lower Upper
168 100
139 41.1 31.0 46.6
169 13.7 11.0 16.6





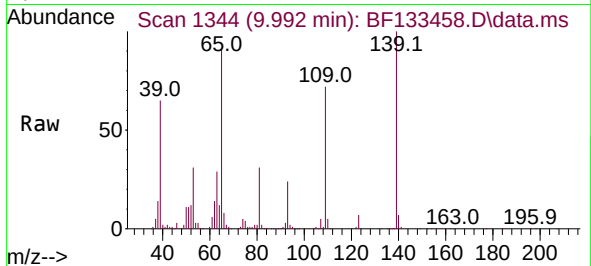
#56
4-Nitrophenol
Concen: 79.609 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.017 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

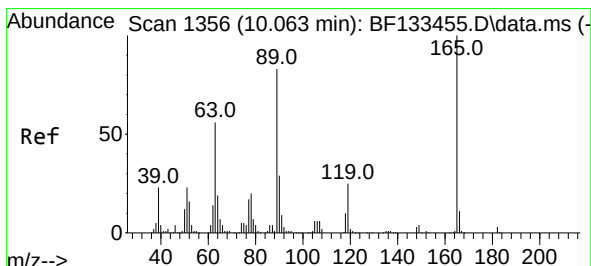
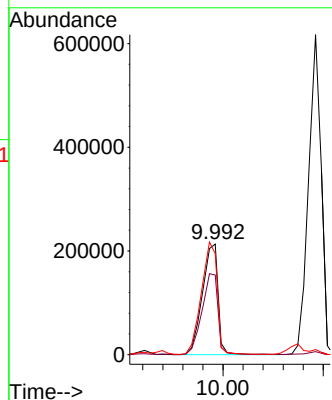
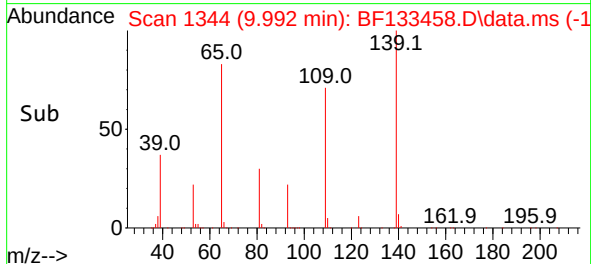


Tgt Ion:139 Resp: 232864
Ion Ratio Lower Upper
139 100
109 72.0 59.5 99.5
65 91.3 90.1 130.1

Manual Integrations

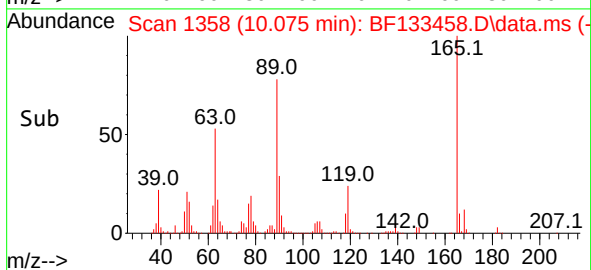
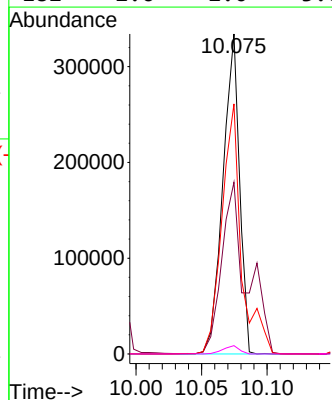
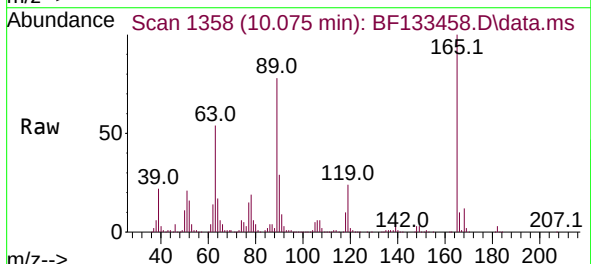
APPROVED

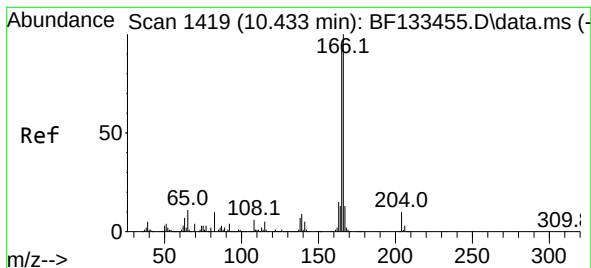
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#57
2,4-Dinitrotoluene
Concen: 80.008 ng
RT: 10.075 min Scan# 1358
Delta R.T. 0.012 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

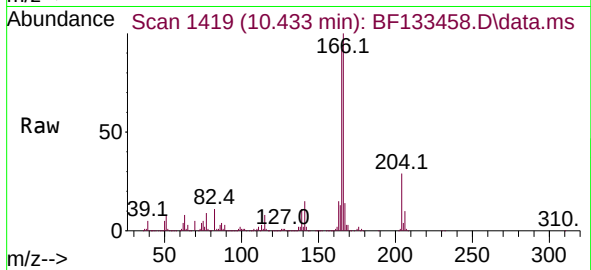
Tgt Ion:165 Resp: 293579
Ion Ratio Lower Upper
165 100
63 53.7 45.1 67.7
89 78.1 66.7 100.1
182 2.6 2.0 3.0





#58
Fluorene
Concen: 64.689 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

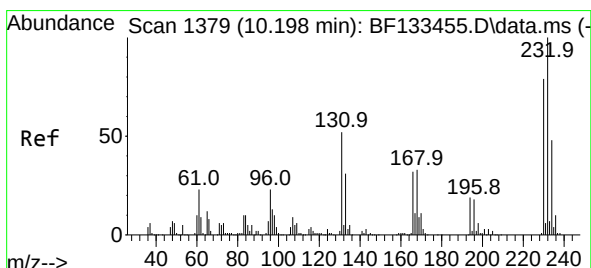
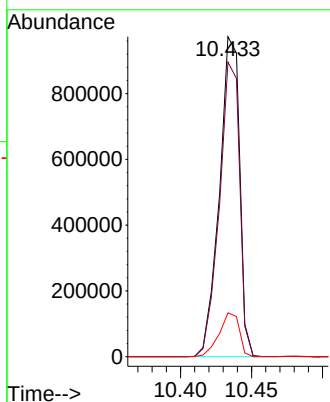
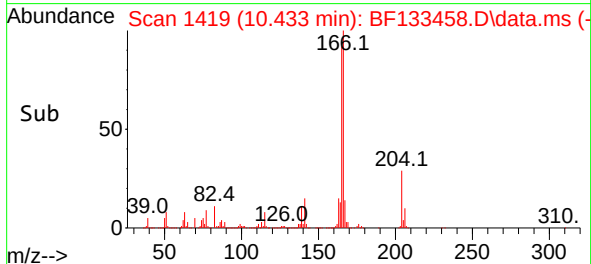
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



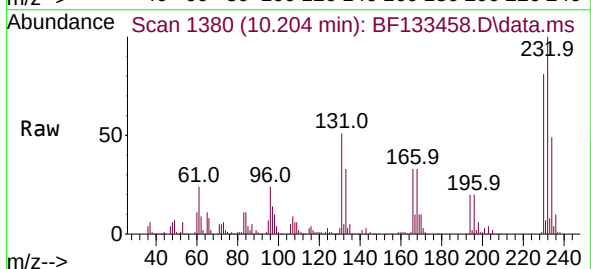
Tgt Ion:166 Resp: 960502
Ion Ratio Lower Upper
166 100
165 92.0 74.2 111.4
167 13.7 10.6 16.0

Manual Integrations
APPROVED

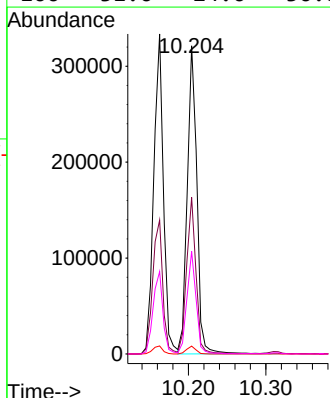
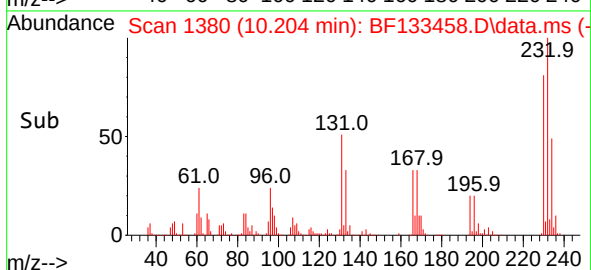
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023

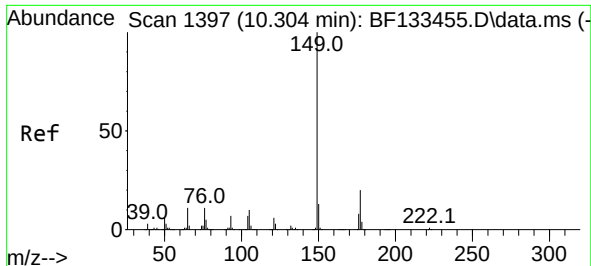


#59
2,3,4,6-Tetrachlorophenol
Concen: 76.601 ng
RT: 10.204 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14



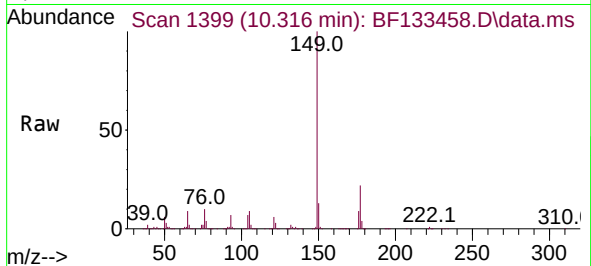
Tgt Ion:232 Resp: 275546
Ion Ratio Lower Upper
232 100
131 49.4 39.0 58.4
130 2.5 1.9 2.9
166 31.6 24.6 36.8





#60
Diethylphthalate
Concen: 71.703 ng
RT: 10.316 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

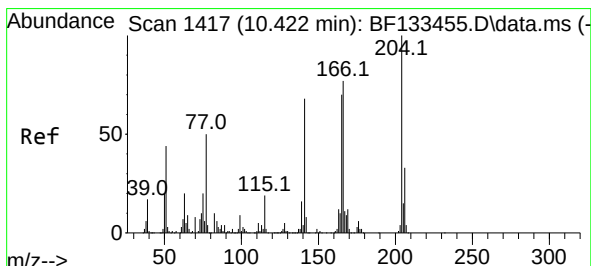
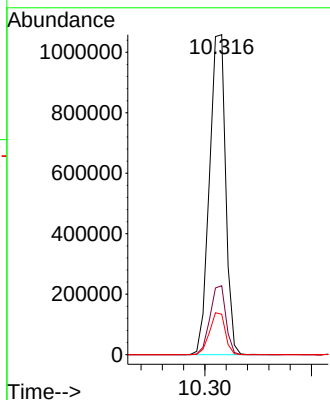
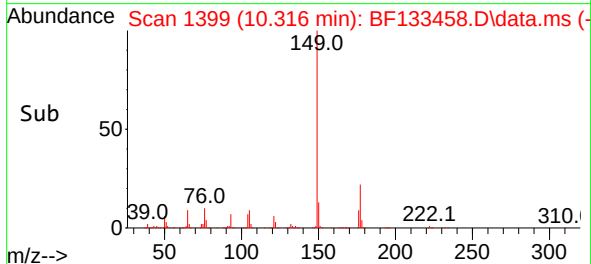
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



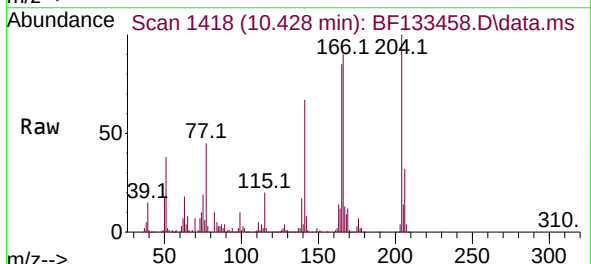
Tgt Ion:149 Resp: 111461
Ion Ratio Lower Upper
149 100
177 21.5 16.3 24.5
150 12.7 10.2 15.4

Manual Integrations
APPROVED

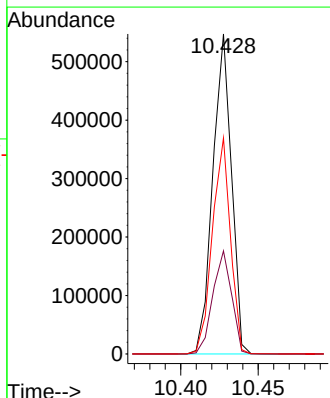
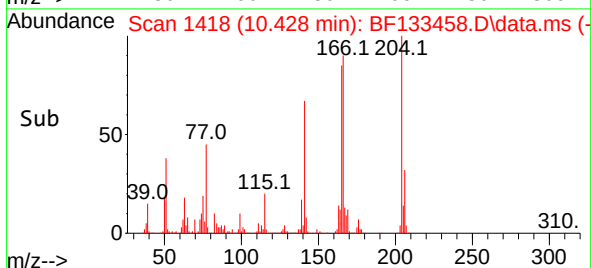
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023

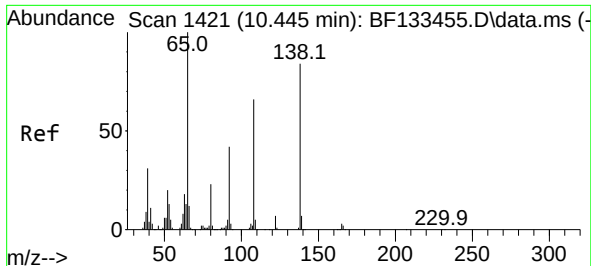


#61
4-Chlorophenyl-phenylether
Concen: 65.123 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14



Tgt Ion:204 Resp: 457351
Ion Ratio Lower Upper
204 100
206 32.2 26.6 39.8
141 67.5 54.1 81.1





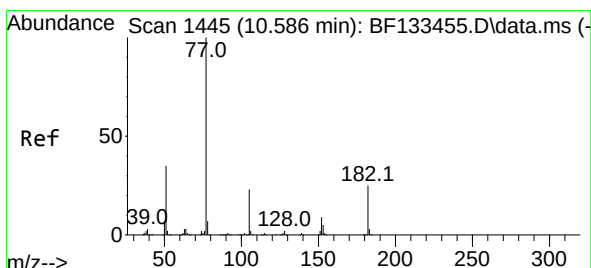
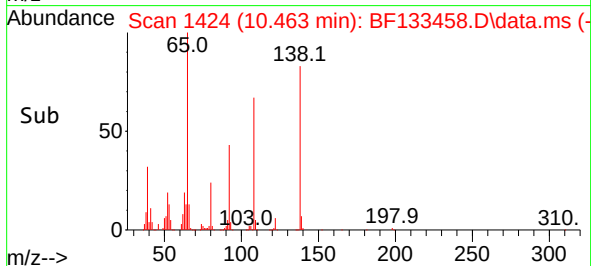
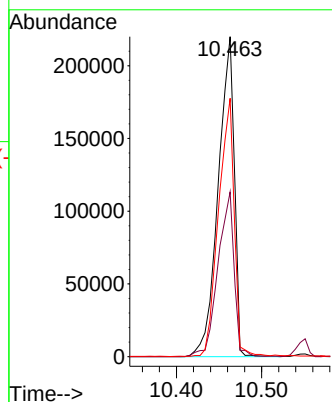
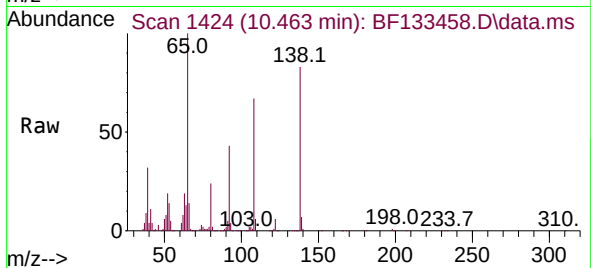
#62
4-Nitroaniline
Concen: 79.354 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.018 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:138 Resp: 28872
Ion Ratio Lower Upper
138 100
92 51.5 29.2 69.2
108 80.8 58.4 98.4

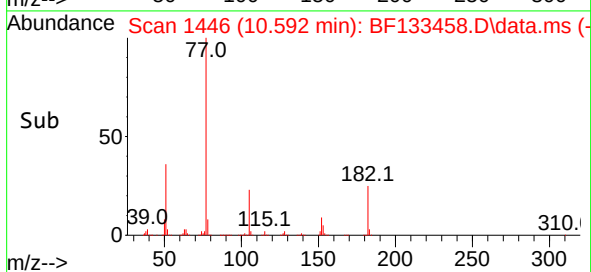
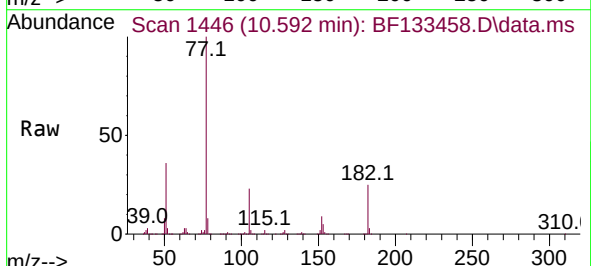
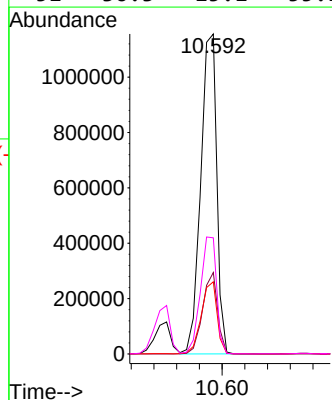
Manual Integrations
APPROVED

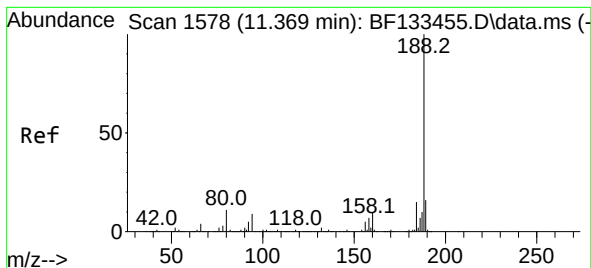
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#63
Azobenzene
Concen: 70.535 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

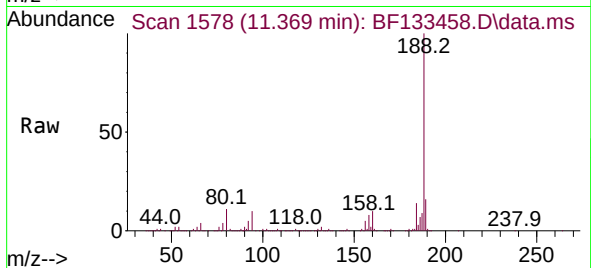
Tgt Ion: 77 Resp: 1134052
Ion Ratio Lower Upper
77 100
182 25.5 5.0 45.0
105 22.5 2.9 42.9
51 36.3 15.1 55.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

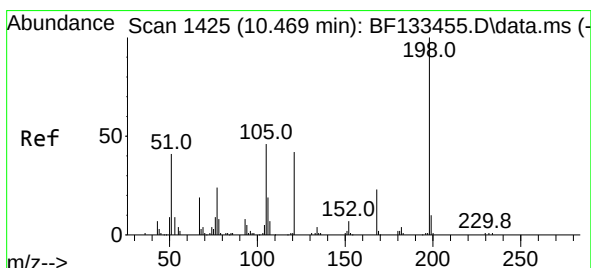
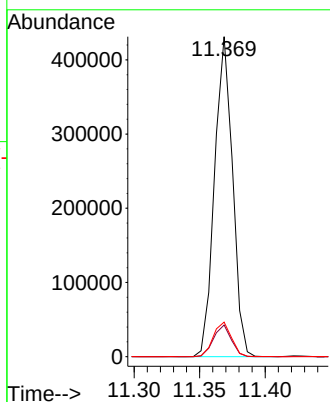
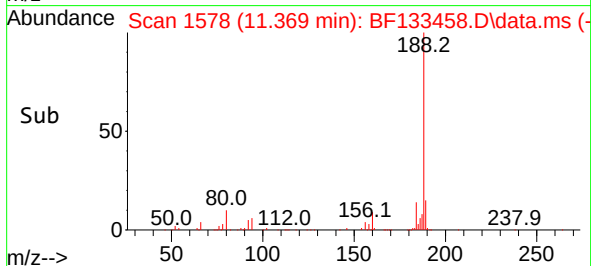
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



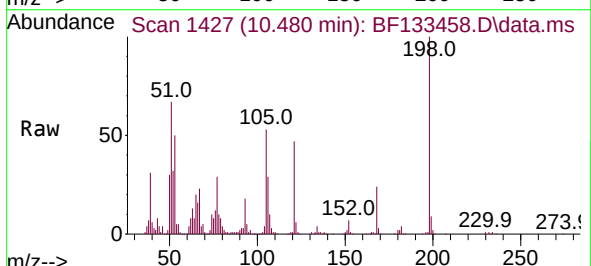
Tgt Ion:188 Resp: 41154
Ion Ratio Lower Upper
188 100
94 9.9 7.5 11.3
80 10.8 8.7 13.1

Manual Integrations
APPROVED

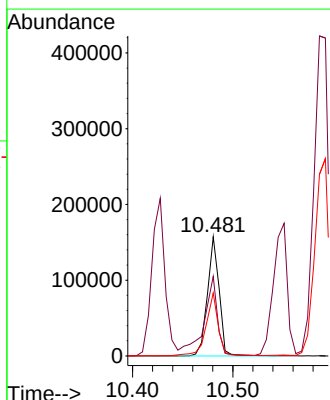
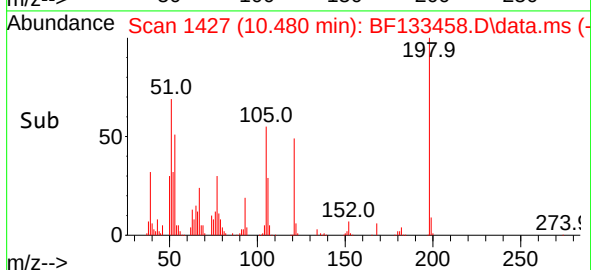
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023

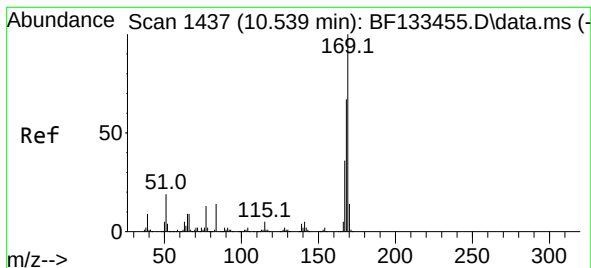


#65
4,6-Dinitro-2-methylphenol
Concen: 79.112 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.011 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14



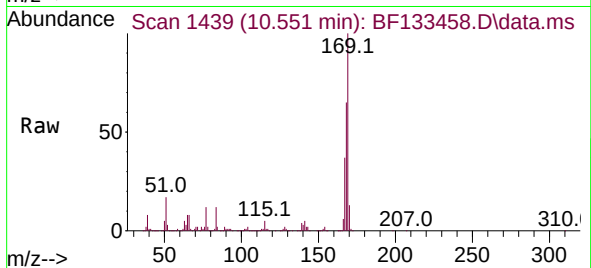
Tgt Ion:198 Resp: 128188
Ion Ratio Lower Upper
198 100
51 66.7 38.5 78.5
105 53.0 29.6 69.6





#66
n-Nitrosodiphenylamine
Concen: 68.768 ng
RT: 10.551 min Scan# 1437
Delta R.T. 0.012 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

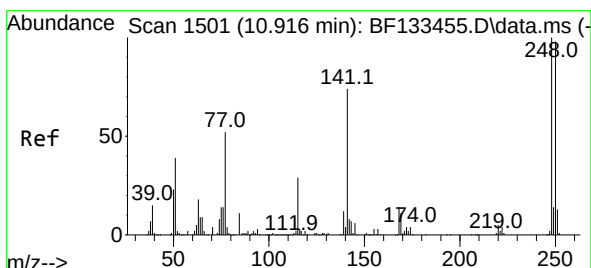
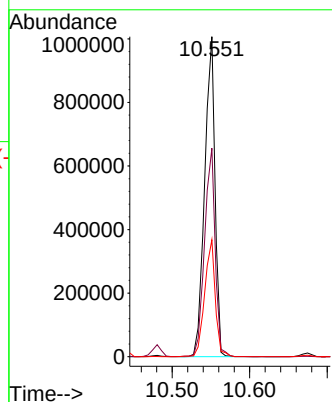
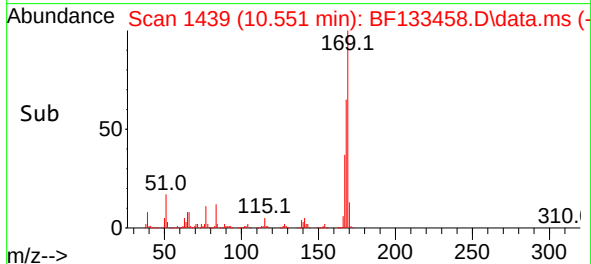
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:169 Resp: 933148
Ion Ratio Lower Upper
169 100
168 65.2 53.6 80.4
167 36.6 29.2 43.8

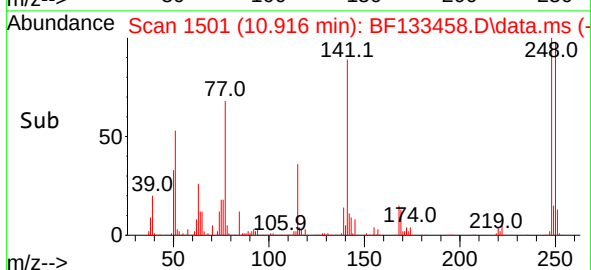
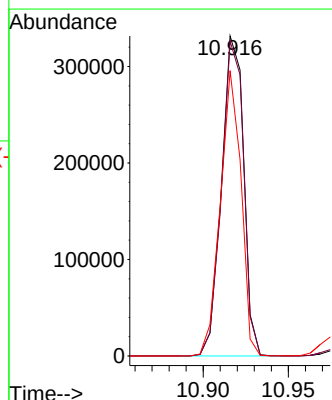
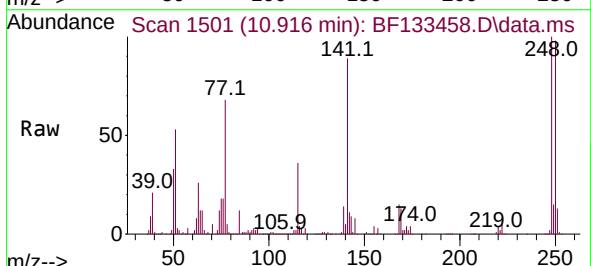
Manual Integrations
APPROVED

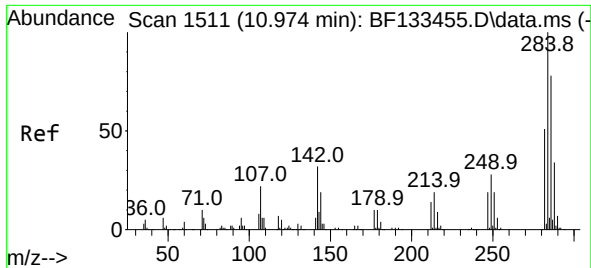
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#67
4-Bromophenyl-phenylether
Concen: 69.384 ng
RT: 10.916 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

Tgt Ion:248 Resp: 299461
Ion Ratio Lower Upper
248 100
250 98.3 78.3 117.5
141 89.1 59.1 88.7#





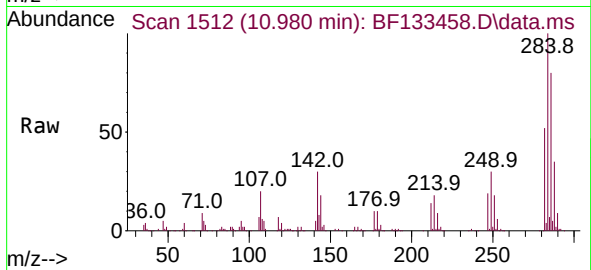
#68
Hexachlorobenzene
Concen: 70.435 ng
RT: 10.980 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

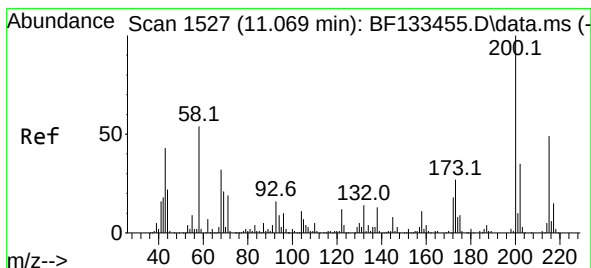
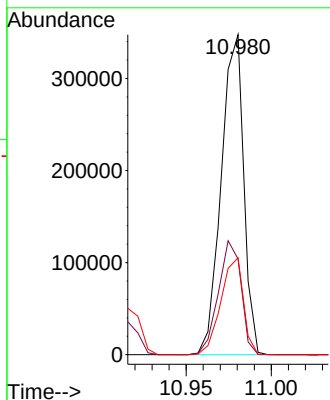
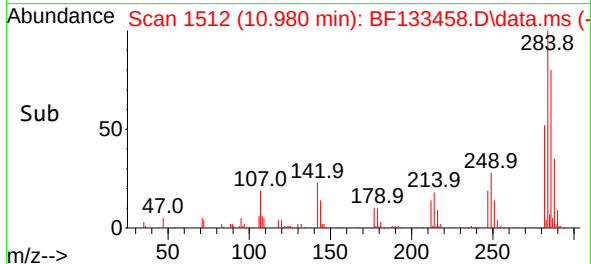


Tgt Ion:284 Resp: 318999
Ion Ratio Lower Upper
284 100
142 29.9 25.2 37.8
249 30.3 22.6 34.0

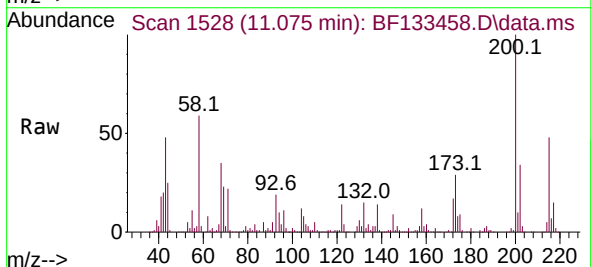
Manual Integrations

APPROVED

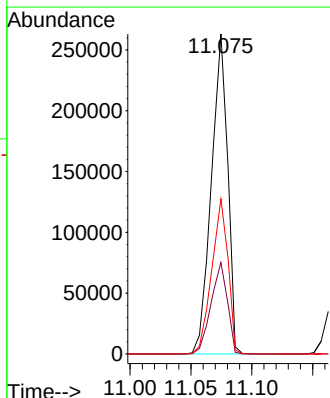
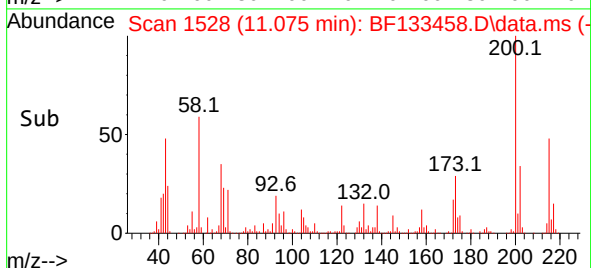
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023

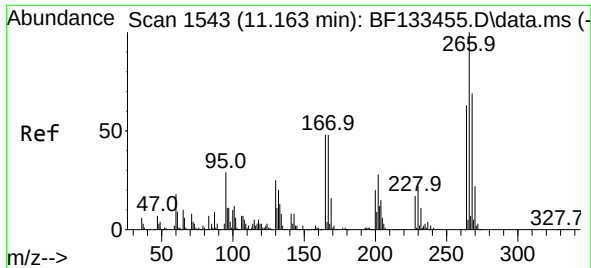


#69
Atrazine
Concen: 70.264 ng
RT: 11.075 min Scan# 1528
Delta R.T. 0.006 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14



Tgt Ion:200 Resp: 244023
Ion Ratio Lower Upper
200 100
173 28.6 7.0 47.0
215 48.5 28.7 68.7





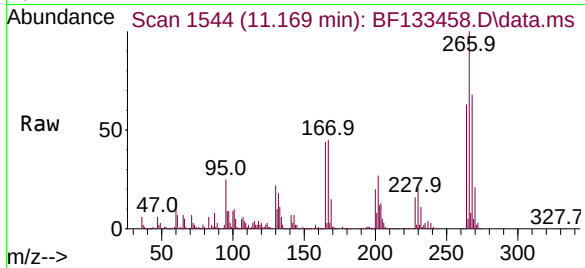
#70
Pentachlorophenol
Concen: 87.028 ng
RT: 11.169 min Scan# 1543
Delta R.T. 0.006 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

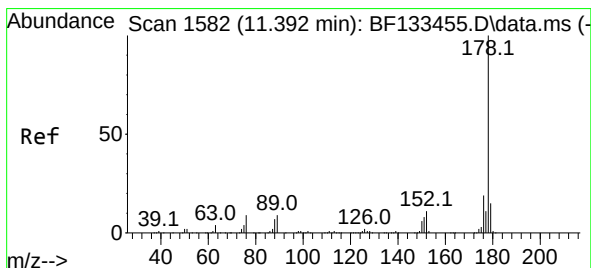
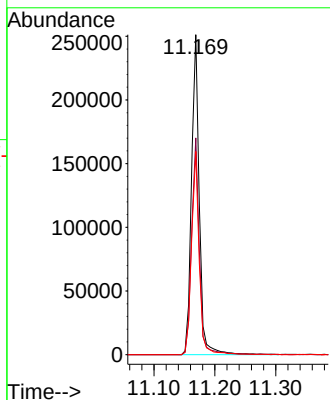
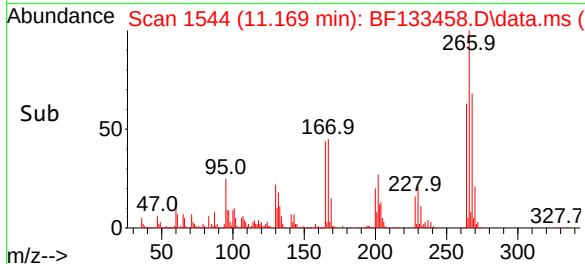


Tgt Ion:266 Resp: 223704
Ion Ratio Lower Upper
266 100
268 67.8 54.8 82.2
264 63.5 50.2 75.2

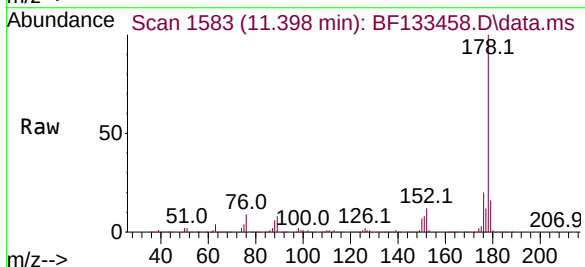
Manual Integrations

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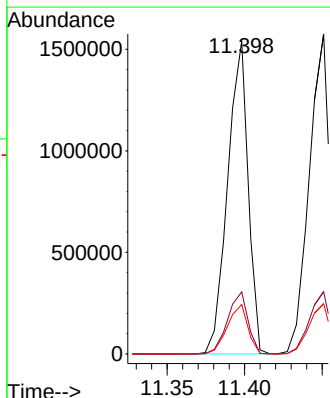
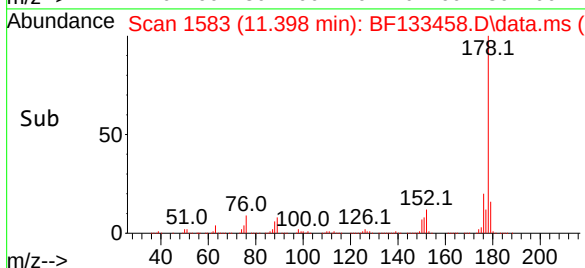
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023

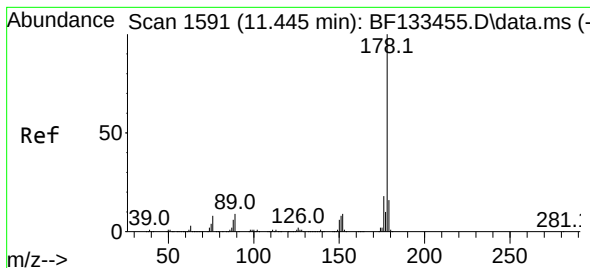


#71
Phenanthrene
Concen: 66.481 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14



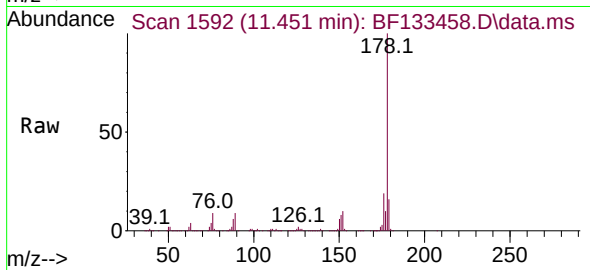
Tgt Ion:178 Resp: 1416688
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.2
179 15.8 12.2 18.2





#72
 Anthracene
 Concen: 67.252 ng
 RT: 11.451 min Scan# 11451
 Delta R.T. 0.006 min
 Lab File: BF133458.D
 Acq: 23 May 2023 15:14

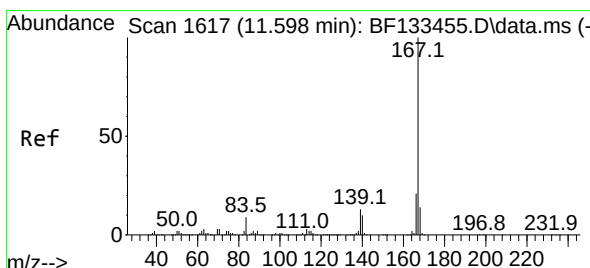
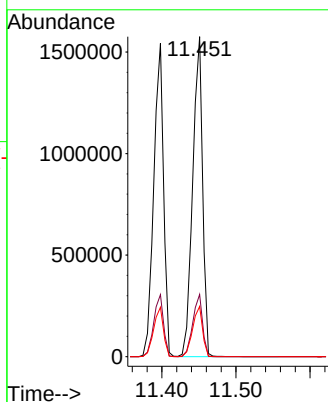
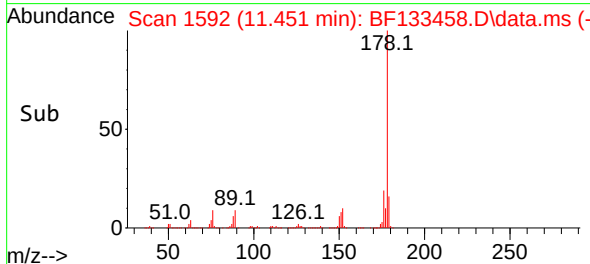
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080



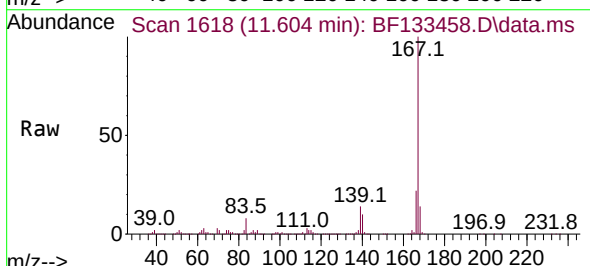
Tgt Ion:178 Resp: 1462004
 Ion Ratio Lower Upper
 178 100
 176 19.4 14.8 22.2
 179 15.7 12.4 18.6

Manual Integrations
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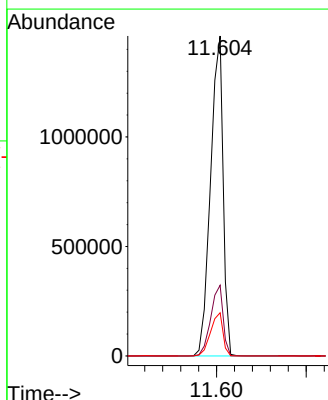
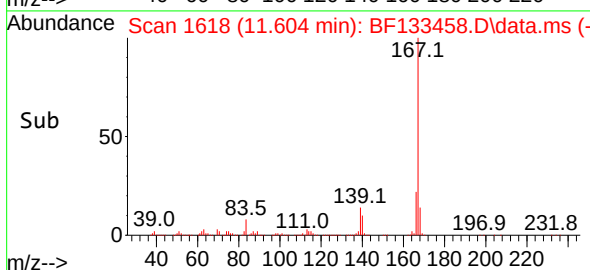
Reviewed By :Christian Giraldo 05/24/2023
 Supervised By :Jagrut Upadhyay 05/25/2023

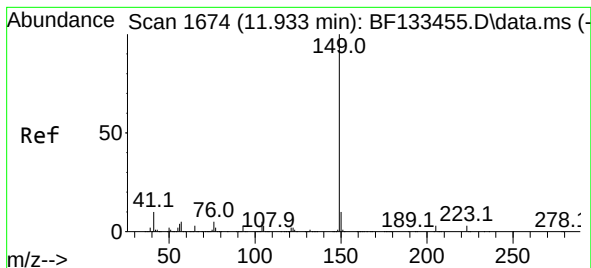


#73
 Carbazole
 Concen: 68.836 ng
 RT: 11.604 min Scan# 1618
 Delta R.T. 0.006 min
 Lab File: BF133458.D
 Acq: 23 May 2023 15:14



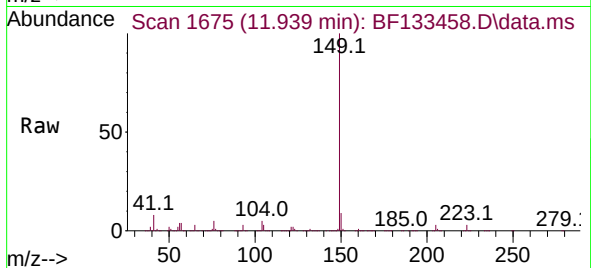
Tgt Ion:167 Resp: 1417654
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.0 25.6
 139 13.5 10.2 15.4





#74
Di-n-butylphthalate
Concen: 73.261 ng
RT: 11.939 min Scan# 1674
Delta R.T. 0.006 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

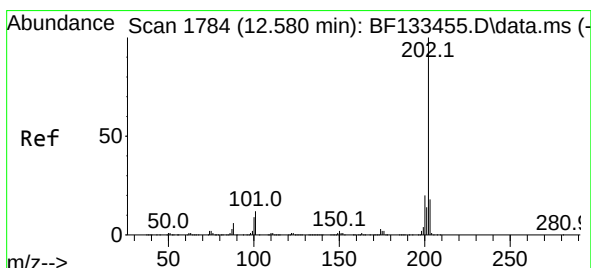
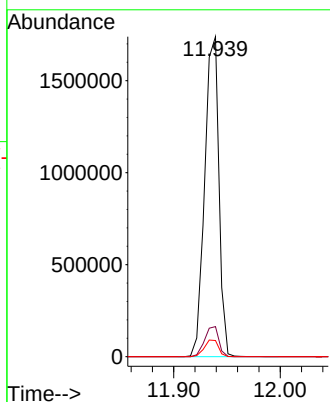
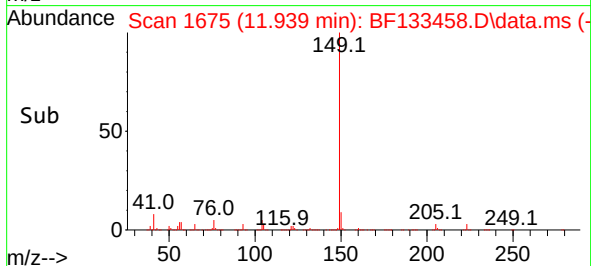
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



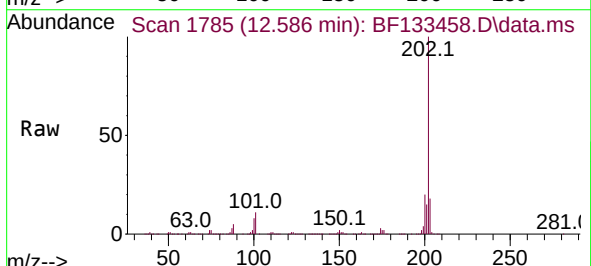
Tgt Ion:149 Resp: 1618820
Ion Ratio Lower Upper
149 100
150 9.4 7.7 11.5
104 5.0 4.2 6.4

Manual Integrations
APPROVED

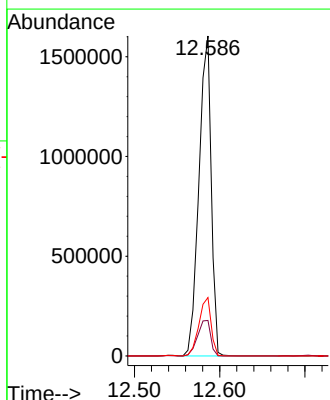
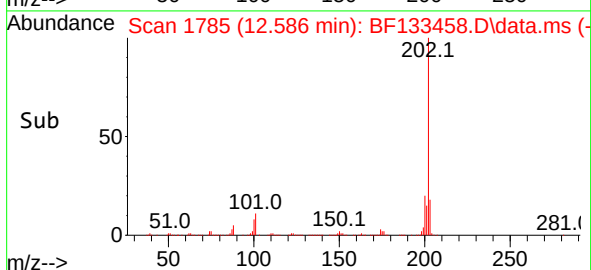
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023

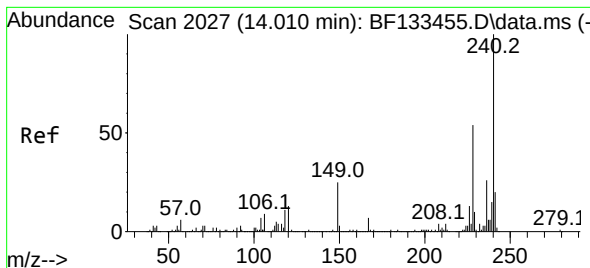


#75
Fluoranthene
Concen: 69.797 ng
RT: 12.586 min Scan# 1785
Delta R.T. 0.006 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14



Tgt Ion:202 Resp: 1601434
Ion Ratio Lower Upper
202 100
101 11.1 0.0 32.5
203 18.2 0.0 38.0





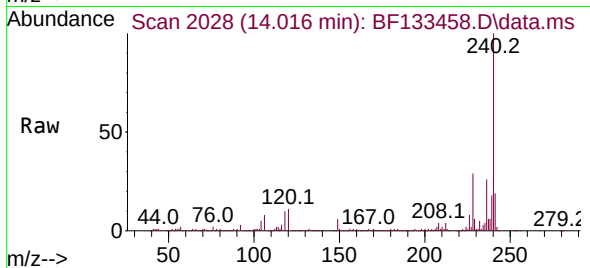
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 2027
Delta R.T. 0.006 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

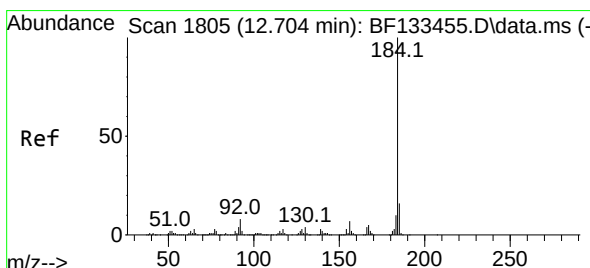
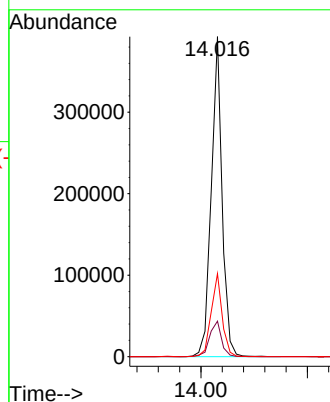
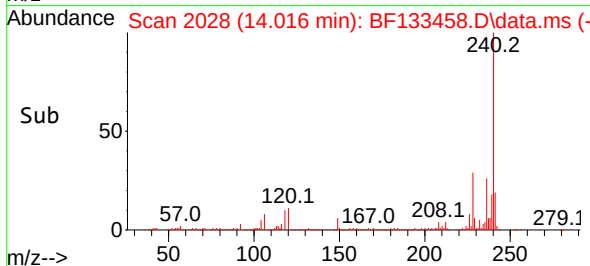


Tgt Ion:240 Resp: 277519
Ion Ratio Lower Upper
240 100
120 11.1 10.2 15.4
236 25.9 20.9 31.3

Manual Integrations

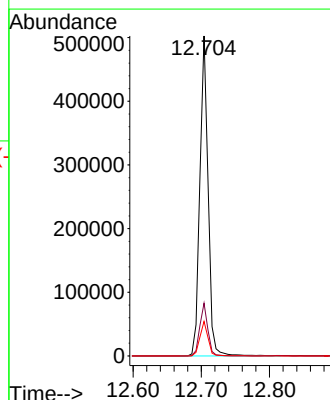
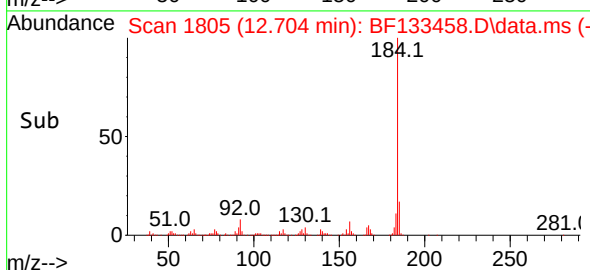
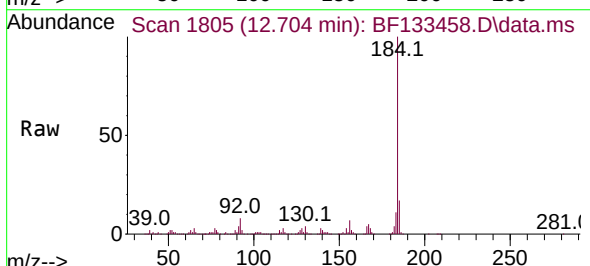
APPROVED

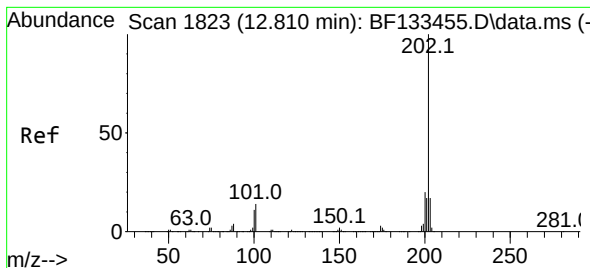
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#77
Benzidine
Concen: 63.882 ng
RT: 12.704 min Scan# 1805
Delta R.T. 0.000 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

Tgt Ion:184 Resp: 422439
Ion Ratio Lower Upper
184 100
185 16.5 12.6 19.0
183 10.8 8.2 12.2





#78

Pyrene

Concen: 72.524 ng

RT: 12.816 min Scan# 1823

Delta R.T. 0.006 min

Lab File: BF133458.D

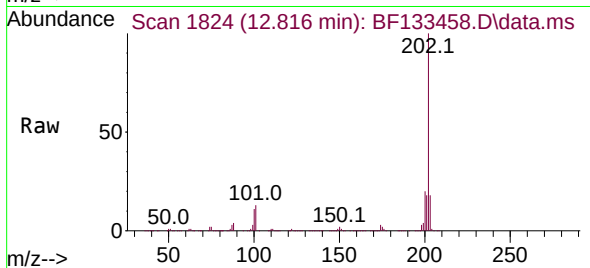
Acq: 23 May 2023 15:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:202 Resp: 1640590

Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.2

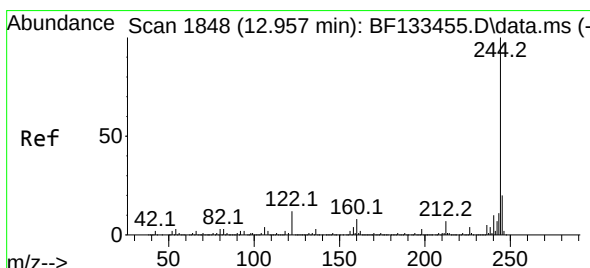
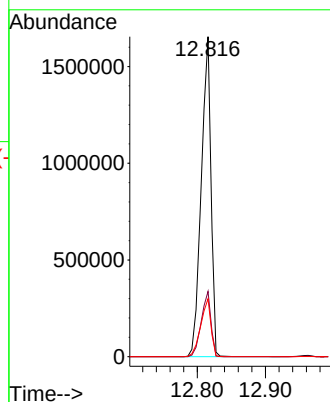
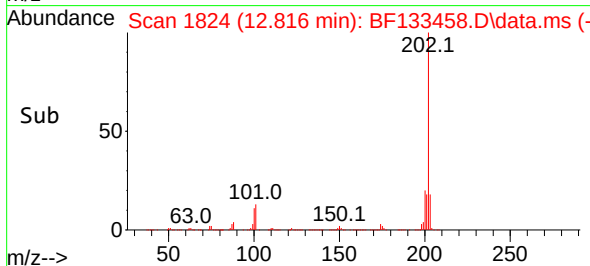
203 18.1 13.9 20.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/24/2023

Supervised By :Jagrut Upadhyay 05/25/2023



#79

Terphenyl-d14

Concen: 139.682 ng

RT: 12.963 min Scan# 1849

Delta R.T. 0.006 min

Lab File: BF133458.D

Acq: 23 May 2023 15:14

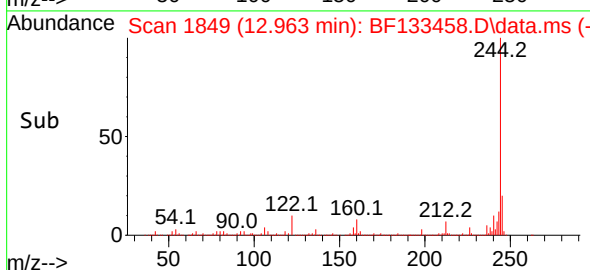
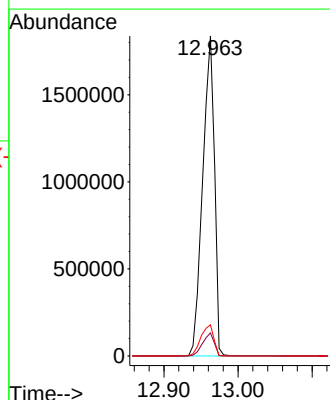
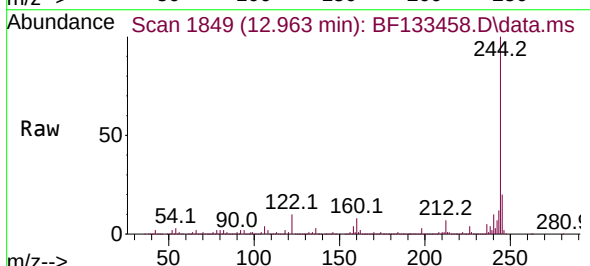
Tgt Ion:244 Resp: 2027511

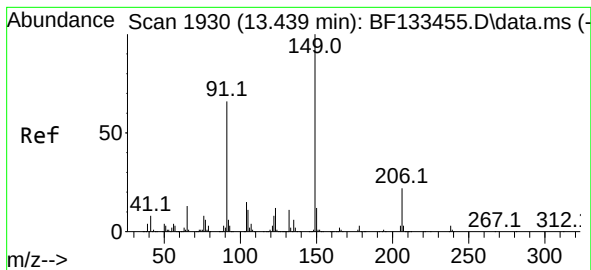
Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 9.7 9.4 14.0





#80
Butylbenzylphthalate
Concen: 80.197 ng
RT: 13.439 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

Instrument :

BNA_F

ClientSampleId :

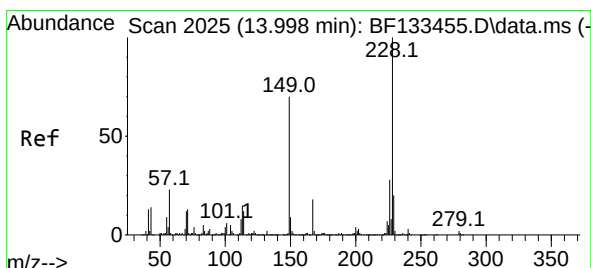
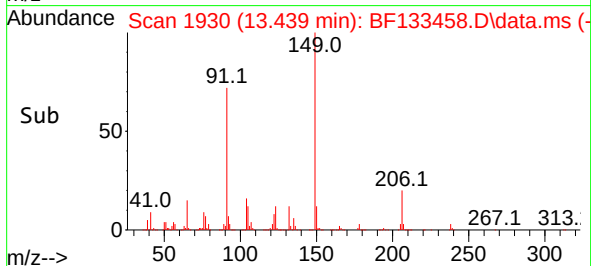
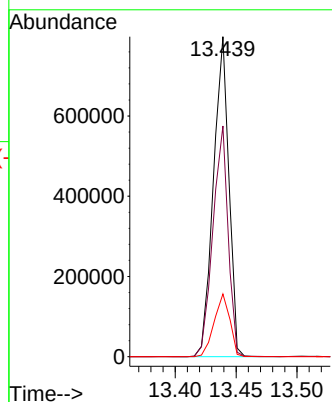
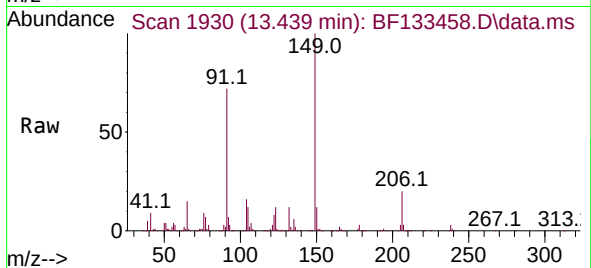
SSTDICC080

Tgt Ion:149 Resp: 702770
Ion Ratio Lower Upper
149 100
91 72.1 53.1 79.7
206 19.6 17.4 26.0

Manual Integrations

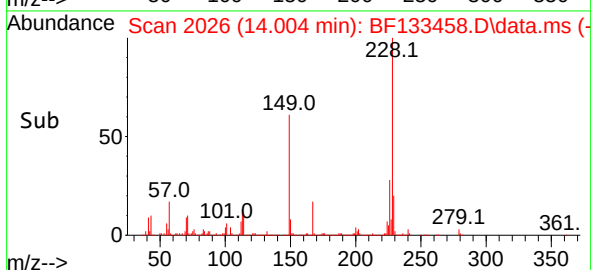
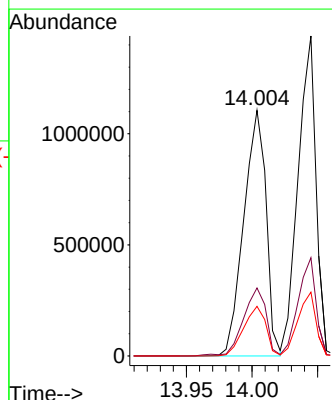
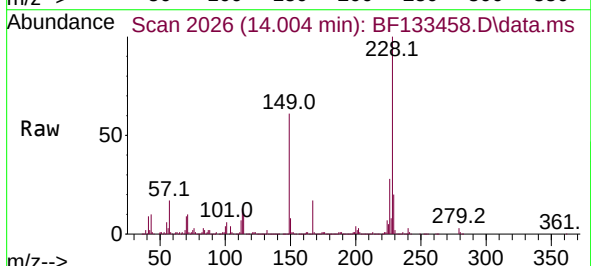
APPROVED

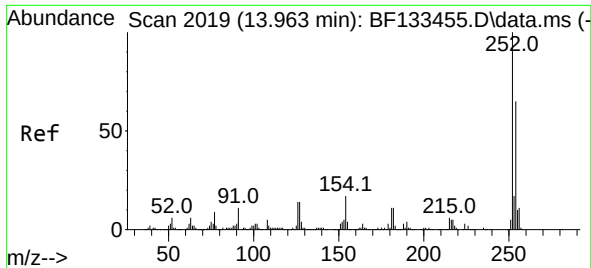
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#81
Benzo(a)anthracene
Concen: 69.485 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

Tgt Ion:228 Resp: 1309042
Ion Ratio Lower Upper
228 100
226 27.7 22.2 33.4
229 20.2 16.3 24.5





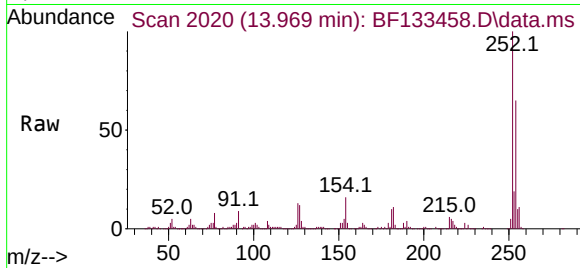
#82
3,3'-Dichlorobenzidine
Concen: 76.522 ng
RT: 13.969 min Scan# 2019
Delta R.T. 0.006 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

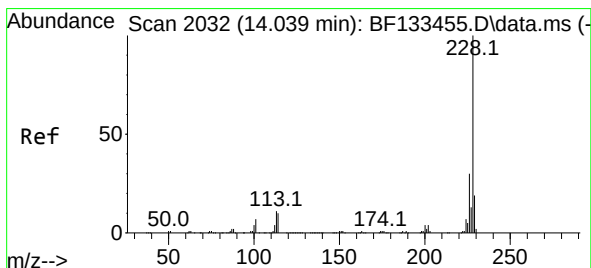
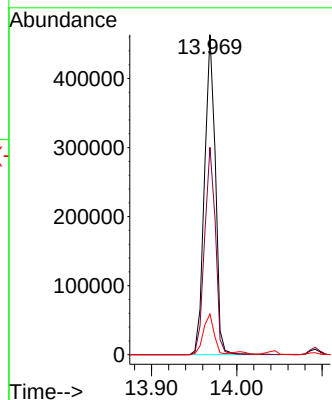
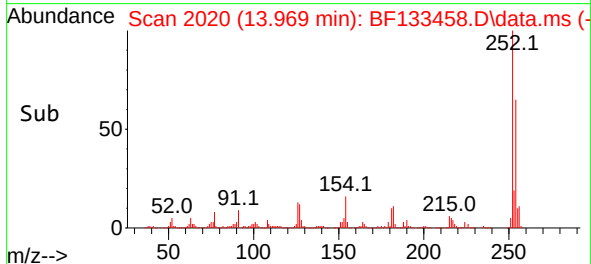


Tgt Ion:252 Resp: 409100
Ion Ratio Lower Upper
252 100
254 64.8 51.8 77.6
126 12.6 11.0 16.6

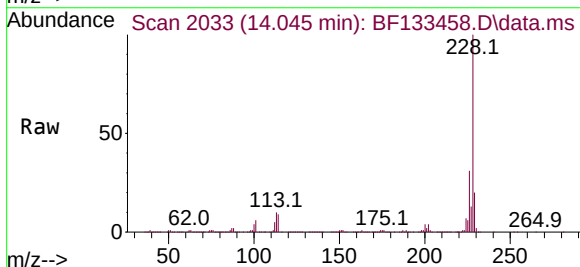
Manual Integrations

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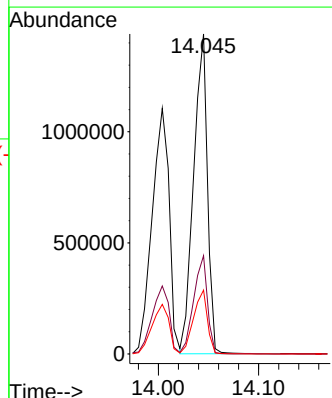
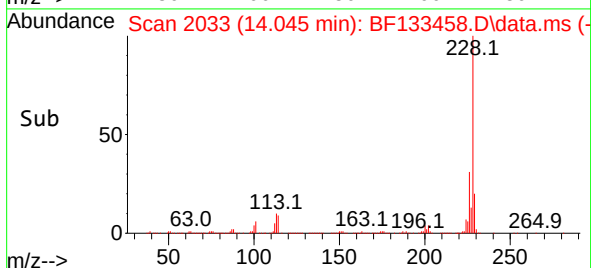
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023

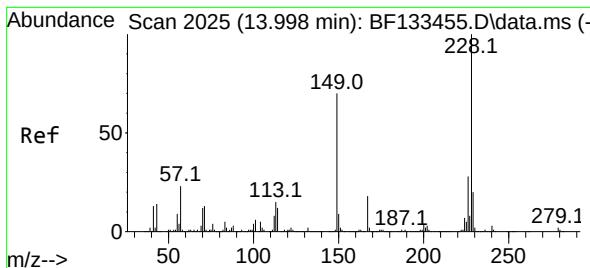


#83
Chrysene
Concen: 71.859 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.006 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14



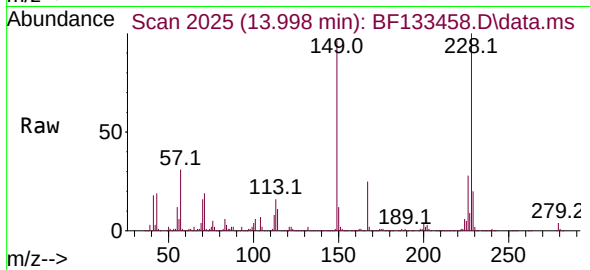
Tgt Ion:228 Resp: 1374568
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 19.9 15.4 23.2





#84
Bis(2-ethylhexyl)phthalate
Concen: 79.859 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

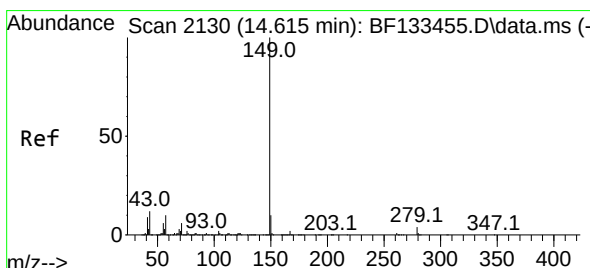
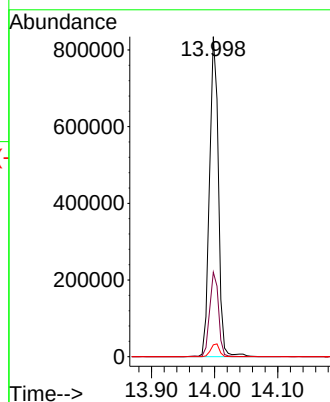
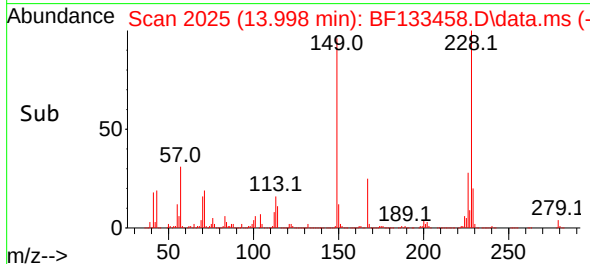
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



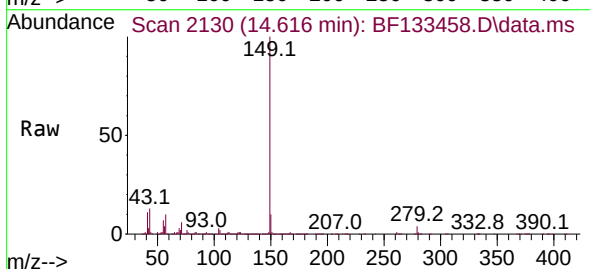
Tgt Ion:149 Resp: 81534
Ion Ratio Lower Upper
149 100
167 26.4 20.8 31.2
279 3.7 2.8 4.2

Manual Integrations
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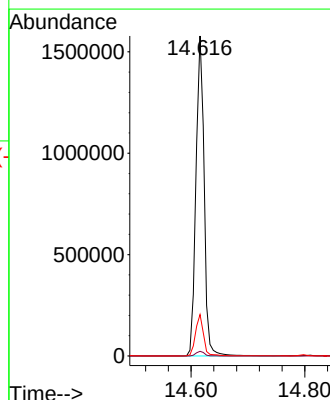
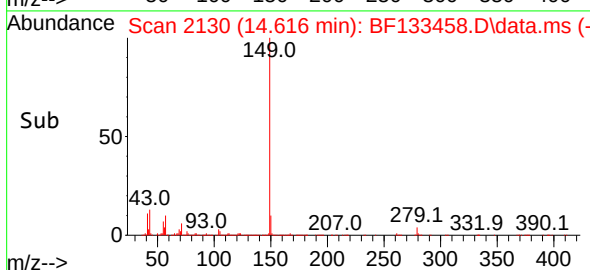
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023

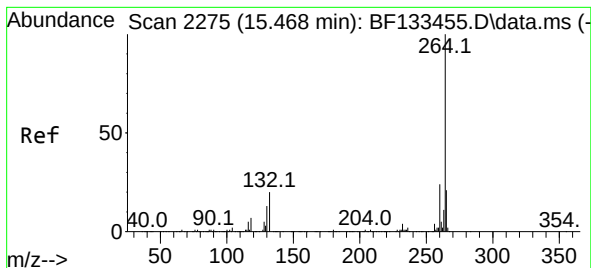


#85
Di-n-octyl phthalate
Concen: 85.686 ng
RT: 14.616 min Scan# 2130
Delta R.T. 0.001 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14



Tgt Ion:149 Resp: 1591509
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 12.7 9.9 14.9





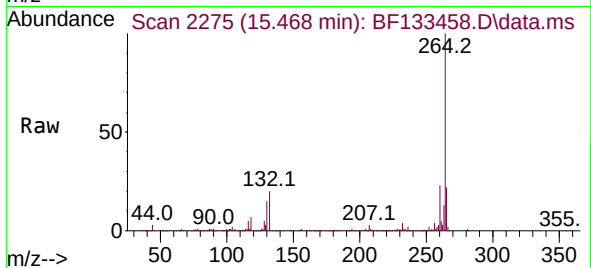
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

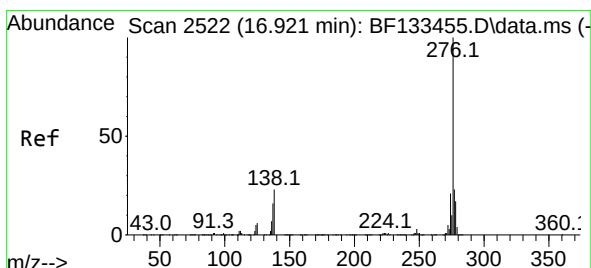
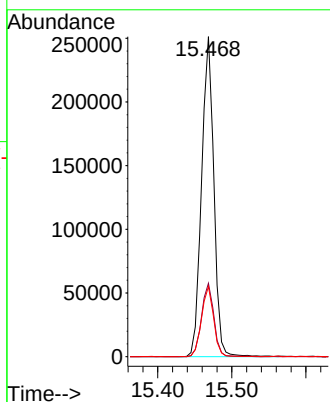
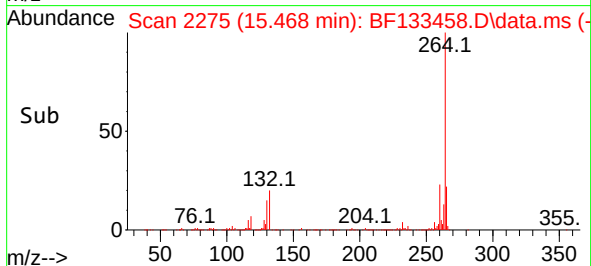


Tgt Ion:264 Resp: 288829
Ion Ratio Lower Upper
264 100
260 23.0 18.8 28.2
265 21.9 17.0 25.4

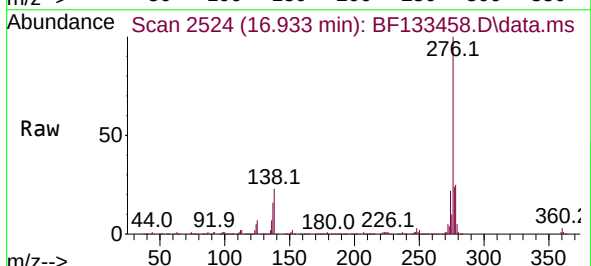
Manual Integrations

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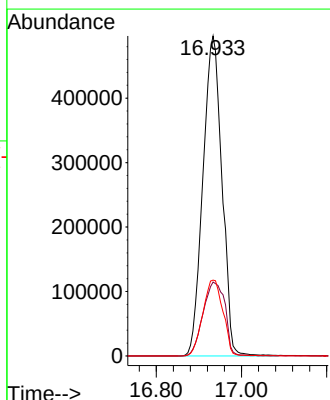
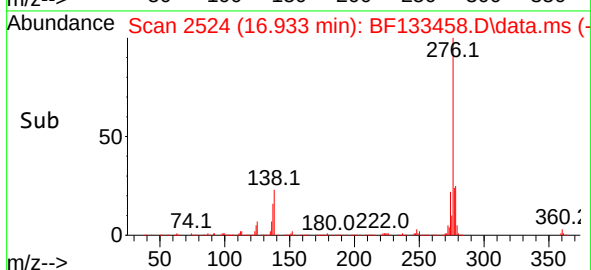
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023

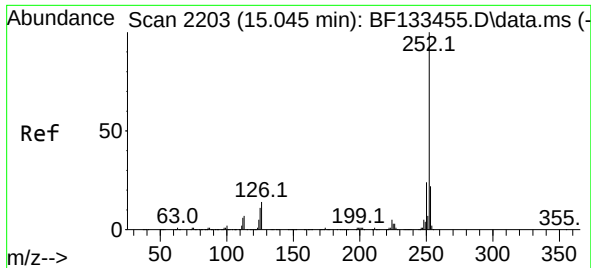


#87
Indeno(1,2,3-cd)pyrene
Concen: 78.706 ng
RT: 16.933 min Scan# 2524
Delta R.T. 0.012 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14



Tgt Ion:276 Resp: 1539698
Ion Ratio Lower Upper
276 100
138 26.6 21.8 32.8
277 25.1 19.8 29.8





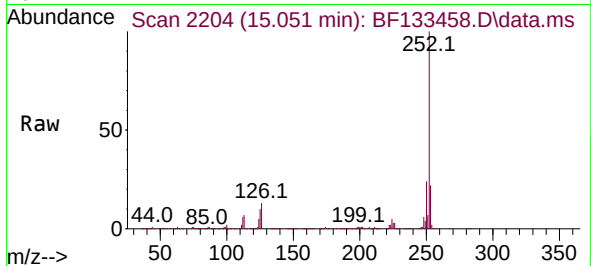
#88
Benzo(b)fluoranthene
Concen: 75.197 ng
RT: 15.051 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

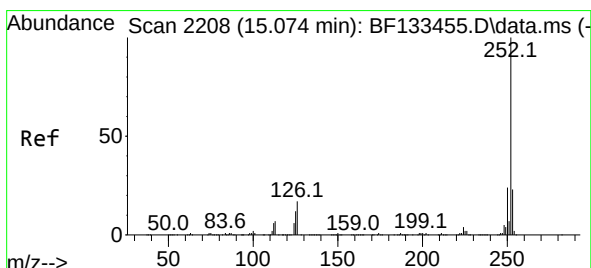
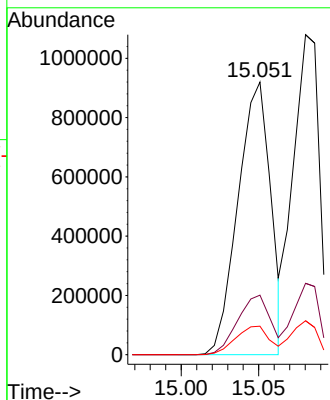
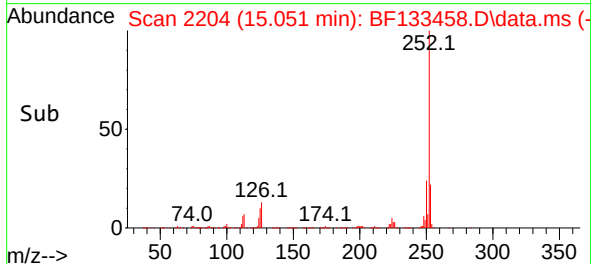


Tgt Ion:252 Resp: 1349854
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 10.5 8.6 12.8

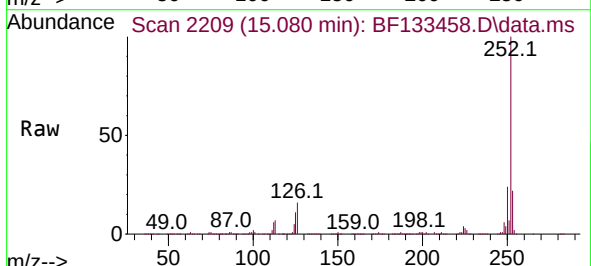
Manual Integrations

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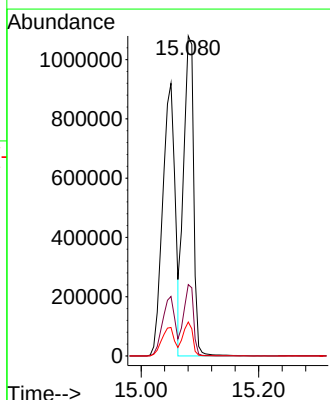
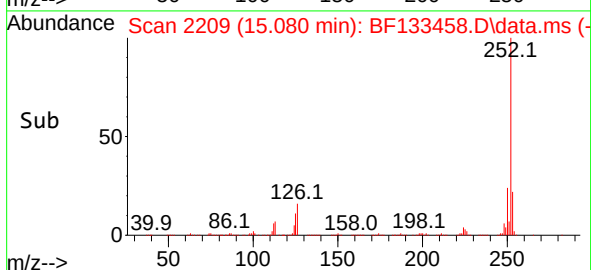
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023

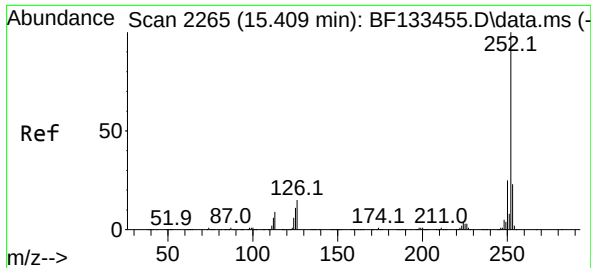


#89
Benzo(k)fluoranthene
Concen: 73.927 ng
RT: 15.080 min Scan# 2209
Delta R.T. 0.006 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14



Tgt Ion:252 Resp: 1289619
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 10.6 9.0 13.4





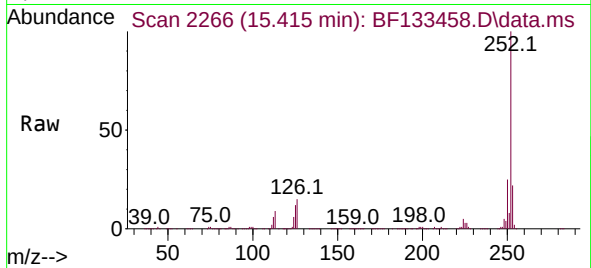
#90
Benzo(a)pyrene
Concen: 74.921 ng
RT: 15.415 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

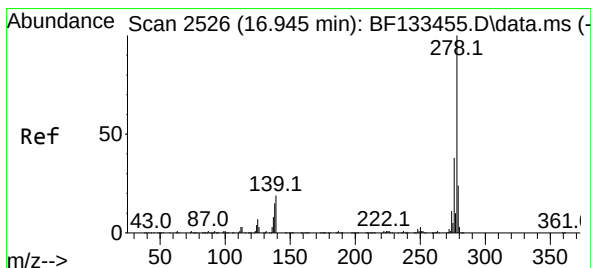
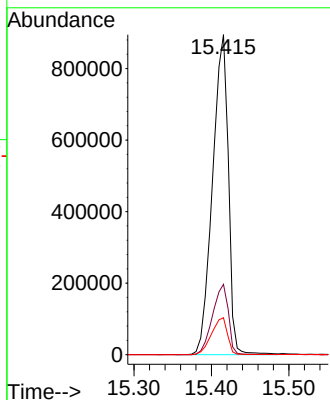
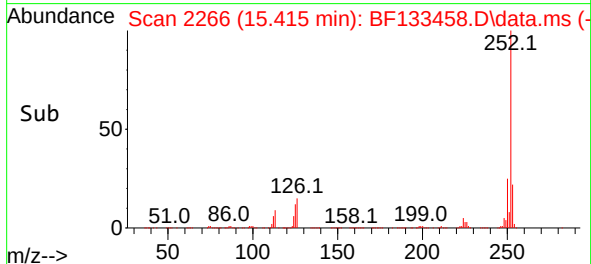


Tgt Ion:252 Resp: 1267140
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 11.5 8.5 12.7

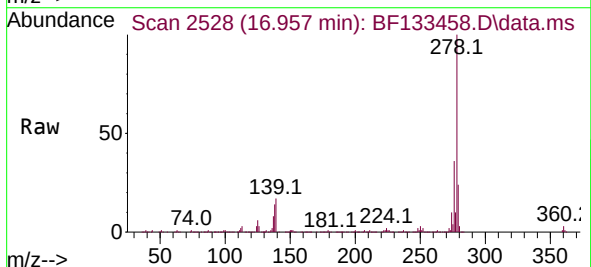
Manual Integrations

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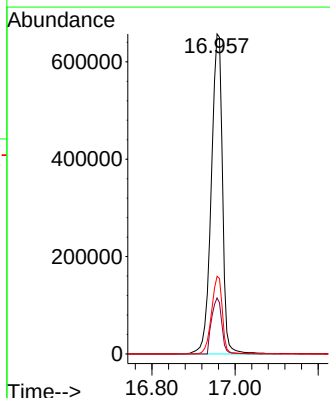
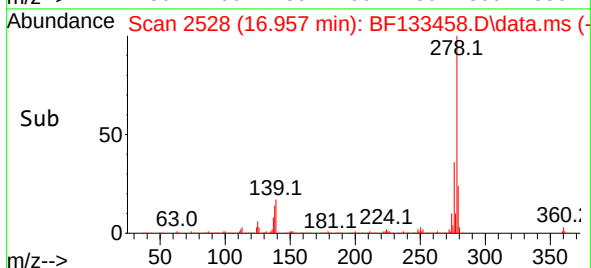
Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023

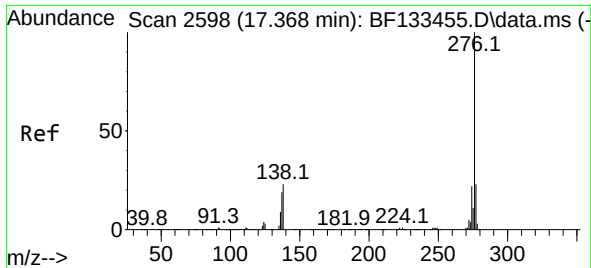


#91
Dibenzo(a,h)anthracene
Concen: 77.050 ng
RT: 16.957 min Scan# 2528
Delta R.T. 0.012 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14



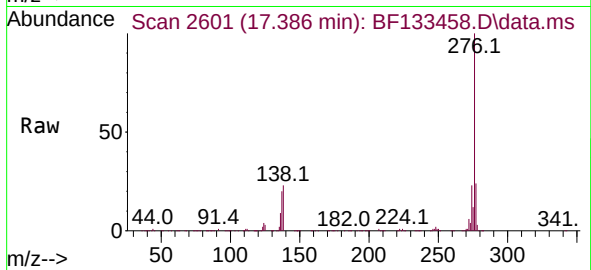
Tgt Ion:278 Resp: 1227628
Ion Ratio Lower Upper
278 100
139 17.5 15.4 23.0
279 24.2 19.4 29.0





#92
Benzo(g,h,i)perylene
Concen: 80.123 ng
RT: 17.386 min Scan# 20
Delta R.T. 0.018 min
Lab File: BF133458.D
Acq: 23 May 2023 15:14

Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:276 Resp: 128957
Ion Ratio Lower Upper
276 100
277 24.3 18.6 27.8
138 23.1 18.5 27.7

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023

