

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121022\
 Data File : BF131583.D
 Acq On : 10 Dec 2022 11:26
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/12/2022
 Supervised By : Jagrut Upadhyay 12/12/2022

Quant Time: Dec 12 05:59:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 06:08:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	62023	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	216685	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	133296	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	264759	20.000	ng	0.00
76) Chrysene-d12	14.115	240	167008	20.000	ng	0.00
86) Perylene-d12	15.621	264	116304	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	293357	78.907	ng	0.01
7) Phenol-d6	6.545	99	390388	80.131	ng	0.01
23) Nitrobenzene-d5	7.486	82	445461	77.723	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	132259	89.306	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	827786	78.302	ng	0.00
79) Terphenyl-d14	13.051	244	1029159	84.510	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	62807	37.427	ng	99
3) Pyridine	3.434	79	184627	39.628	ng	98
4) n-Nitrosodimethylamine	3.404	42	94908	36.937	ng	# 97
6) Aniline	6.575	93	233560	40.086	ng	97
8) 2-Chlorophenol	6.698	128	157999	40.103	ng	94
9) Benzaldehyde	6.463	77	121025	36.262	ng	97
10) Phenol	6.557	94	217996m	40.115	ng	
11) bis(2-Chloroethyl)ether	6.651	93	165515	40.632	ng	94
12) 1,3-Dichlorobenzene	6.851	146	179930	39.390	ng	100
13) 1,4-Dichlorobenzene	6.928	146	180825	39.246	ng	99
14) 1,2-Dichlorobenzene	7.086	146	173236	39.360	ng	94
15) Benzyl Alcohol	7.057	79	183654	41.119	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.186	45	204823	38.925	ng	98
17) 2-Methylphenol	7.169	107	146273	41.195	ng	98
18) Hexachloroethane	7.428	117	74290	39.970	ng	98
19) n-Nitroso-di-n-propyla...	7.328	70	146453	40.090	ng	99
20) 3+4-Methylphenols	7.322	107	196405	40.610	ng	91
22) Acetophenone	7.328	105	263898	38.864	ng	100
24) Nitrobenzene	7.504	77	224106	38.769	ng	95
25) Isophorone	7.739	82	370252	40.106	ng	99
26) 2-Nitrophenol	7.816	139	86332	43.795	ng	97
27) 2,4-Dimethylphenol	7.851	122	123101	40.742	ng	98
28) bis(2-Chloroethoxy)met...	7.951	93	191931	40.189	ng	99
29) 2,4-Dichlorophenol	8.063	162	150801	40.365	ng	99
30) 1,2,4-Trichlorobenzene	8.139	180	178030	38.858	ng	99
31) Naphthalene	8.227	128	480374	39.361	ng	99
32) Benzoic acid	7.980	122	103251m	47.185	ng	
33) 4-Chloroaniline	8.275	127	181684	39.715	ng	99
34) Hexachlorobutadiene	8.339	225	126308	39.117	ng	99
35) Caprolactam	8.663	113	43495	45.006	ng	91
36) 4-Chloro-3-methylphenol	8.757	107	174230	41.531	ng	99
37) 2-Methylnaphthalene	8.922	142	340974	40.853	ng	100
38) 1-Methylnaphthalene	9.022	142	327727	40.903	ng	98
40) 1,2,4,5-Tetrachloroben...	9.080	216	193336	39.182	ng	98
41) Hexachlorocyclopentadiene	9.069	237	95845	38.269	ng	98
43) 2,4,6-Trichlorophenol	9.198	196	126622	41.488	ng	100

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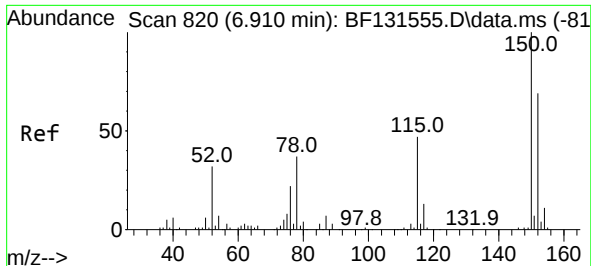
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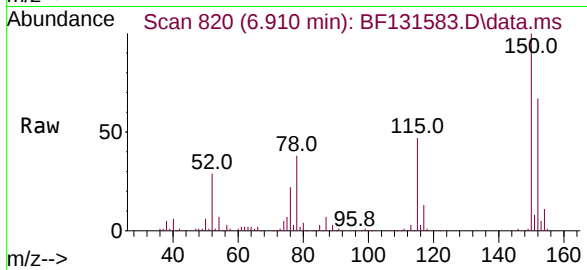
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.239	196	135804	41.375	ng	97
46) 1,1'-Biphenyl	9.386	154	422640	40.102	ng	99
47) 2-Chloronaphthalene	9.410	162	343445	39.997	ng	98
48) 2-Nitroaniline	9.510	65	128213	42.151	ng	97
49) Acenaphthylene	9.833	152	515713	40.904	ng	99
50) Dimethylphthalate	9.692	163	429103	42.229	ng	99
51) 2,6-Dinitrotoluene	9.751	165	91567	43.650	ng	97
52) Acenaphthene	10.004	154	352518m	41.737	ng	
53) 3-Nitroaniline	9.927	138	89235	44.335	ng	97
54) 2,4-Dinitrophenol	10.027	184	51980	45.165	ng	93
55) Dibenzofuran	10.174	168	497148	41.659	ng	98
56) 4-Nitrophenol	10.086	139	66790	47.768	ng	# 83
57) 2,4-Dinitrotoluene	10.157	165	125913	45.248	ng	97
58) Fluorene	10.521	166	407353	41.988	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	119772	43.092	ng	# 88
60) Diethylphthalate	10.386	149	424639	43.547	ng	99
61) 4-Chlorophenyl-phenyle...	10.510	204	220082	41.049	ng	98
62) 4-Nitroaniline	10.545	138	89021	44.633	ng	95
63) Azobenzene	10.669	77	458298	41.207	ng	98
65) 4,6-Dinitro-2-methylph...	10.569	198	76019	45.333	ng	88
66) n-Nitrosodiphenylamine	10.633	169	334745	39.108	ng	99
67) 4-Bromophenyl-phenylether	11.004	248	133072	39.071	ng	95
68) Hexachlorobenzene	11.063	284	146031	39.639	ng	# 89
69) Atrazine	11.157	200	123600	45.473	ng	99
70) Pentachlorophenol	11.263	266	81428	42.934	ng	97
71) Phenanthrene	11.486	178	602180	40.805	ng	99
72) Anthracene	11.539	178	588242	40.971	ng	99
73) Carbazole	11.698	167	497463	42.448	ng	99
74) Di-n-butylphthalate	12.021	149	662491	46.079	ng	100
75) Fluoranthene	12.680	202	684209	45.025	ng	99
77) Benzidine	12.804	184	129433	28.925	ng	98
78) Pyrene	12.910	202	679580	41.267	ng	99
80) Butylbenzylphthalate	13.527	149	242020	50.784	ng	95
81) Benzo(a)anthracene	14.104	228	516558	42.830	ng	99
82) 3,3'-Dichlorobenzidine	14.068	252	141899	41.353	ng	# 97
83) Chrysene	14.145	228	490327	42.763	ng	98
84) Bis(2-ethylhexyl)phtha...	14.086	149	278212	43.177	ng	# 97
85) Di-n-octyl phthalate	14.704	149	373082	36.475	ng	99
87) Indeno(1,2,3-cd)pyrene	17.174	276	359622	37.888	ng	100
88) Benzo(b)fluoranthene	15.174	252	329285	42.957	ng	99
89) Benzo(k)fluoranthene	15.209	252	331995	41.495	ng	99
90) Benzo(a)pyrene	15.562	252	263487	40.278	ng	99
91) Dibenzo(a,h)anthracene	17.192	278	300574	38.477	ng	99
92) Benzo(g,h,i)perylene	17.645	276	296440	37.758	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 81
Delta R.T. -0.000 min
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Acq: 10 Dec 2022 11:26

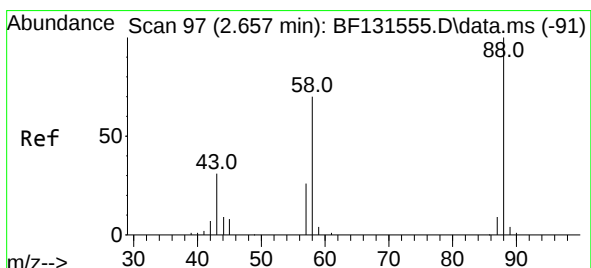
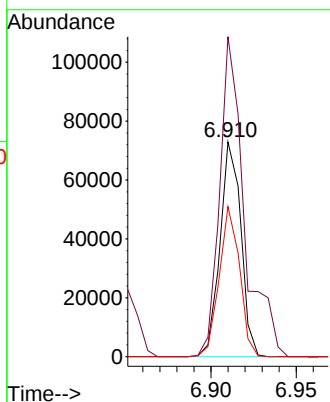
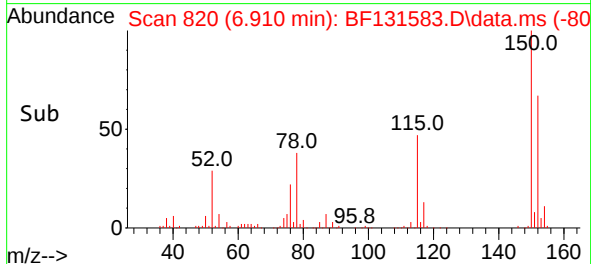
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 62023
Ion Ratio Lower Upper
152 100
150 149.1 116.7 175.1
115 69.9 54.6 82.0

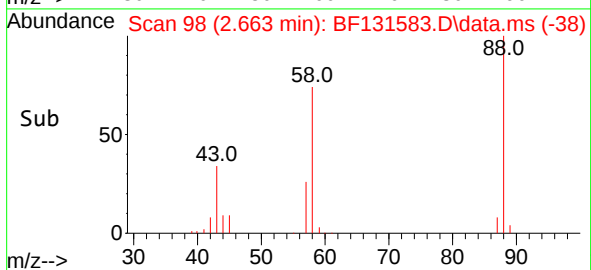
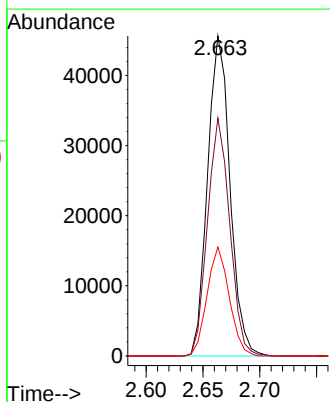
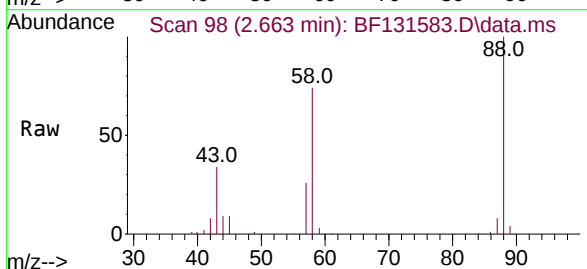
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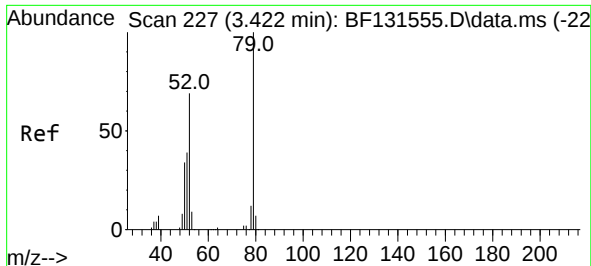
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#2
1,4-Dioxane
Concen: 37.427 ng
RT: 2.663 min Scan# 98
Delta R.T. 0.006 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

Tgt Ion: 88 Resp: 62807
Ion Ratio Lower Upper
88 100
58 73.6 60.0 90.0
43 33.6 26.7 40.1





#3

Pyridine

Concen: 39.628 ng

RT: 3.434 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF131583.D

Acq: 10 Dec 2022 11:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 18462

Ion Ratio Lower Upper

79 100

52 70.9 55.0 82.6

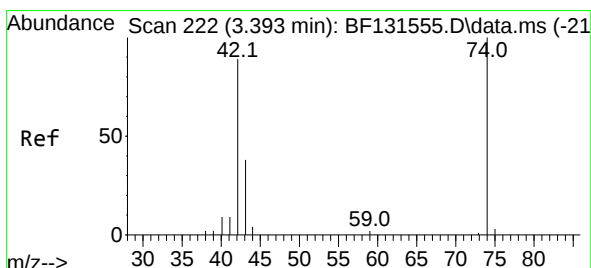
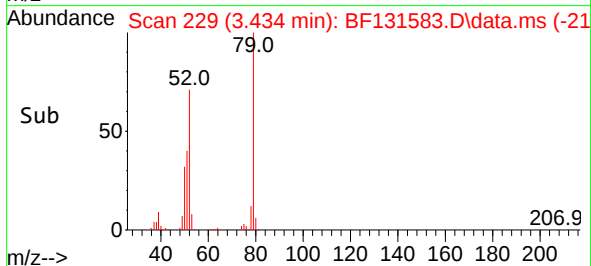
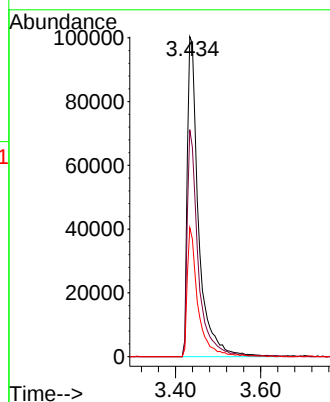
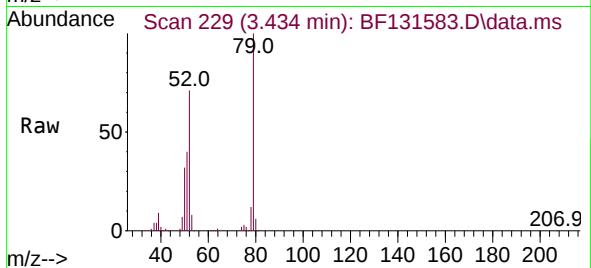
51 40.3 31.4 47.2

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 36.937 ng

RT: 3.404 min Scan# 224

Delta R.T. 0.012 min

Lab File: BF131583.D

Acq: 10 Dec 2022 11:26

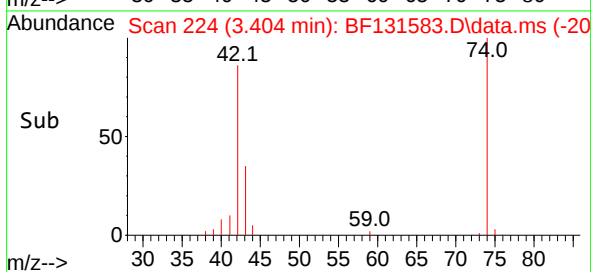
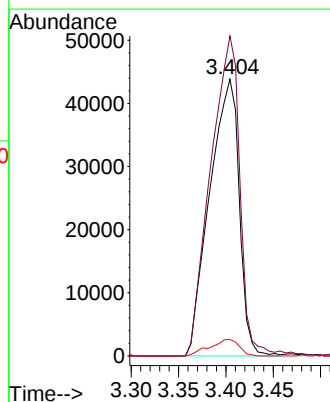
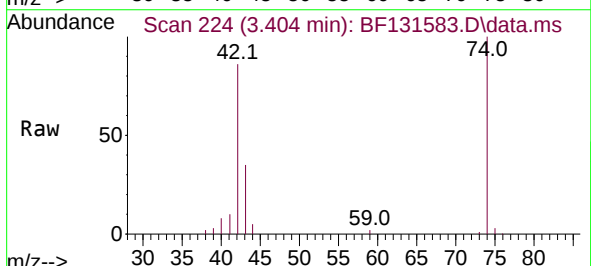
Tgt Ion: 42 Resp: 94908

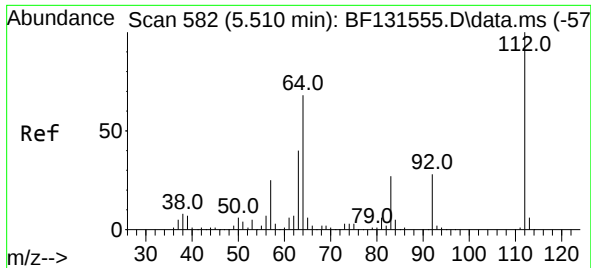
Ion Ratio Lower Upper

42 100

74 115.6 90.2 135.2

44 5.9 3.7 5.5#





#5
2-Fluorophenol
Concen: 78.907 ng
RT: 5.522 min Scan# 582
Delta R.T. 0.012 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

Instrument :

BNA_F

ClientSampleId :

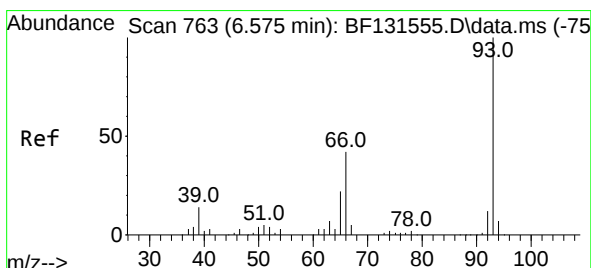
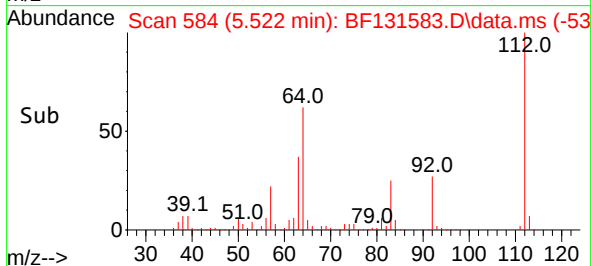
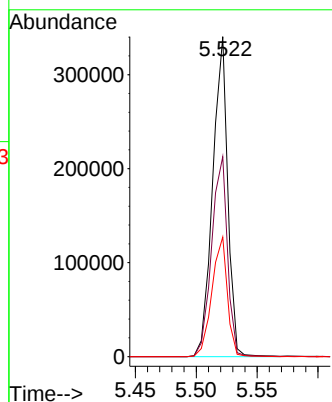
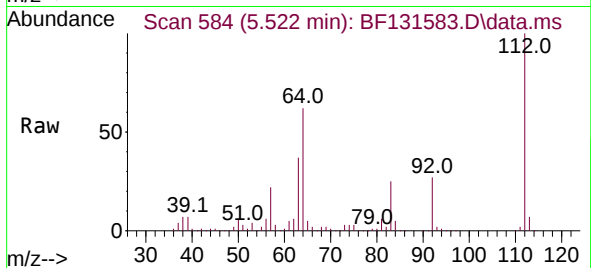
SSTDCCC040

Tgt Ion:112 Resp: 293352
Ion Ratio Lower Upper
112 100
64 62.5 54.5 81.7
63 37.4 31.9 47.9

Manual Integrations

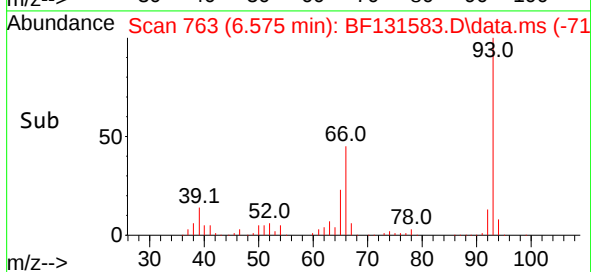
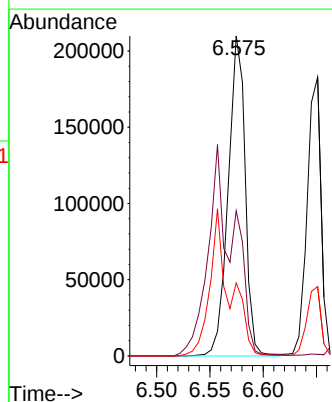
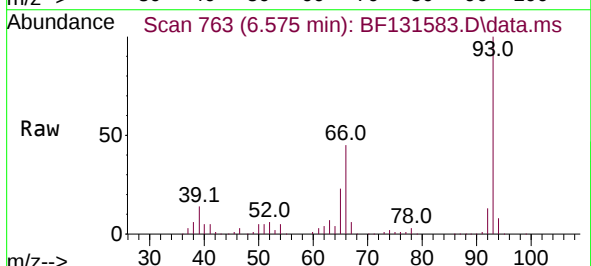
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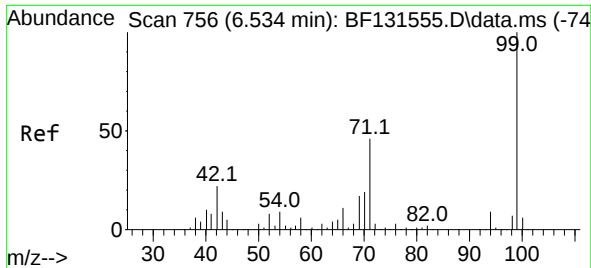
Reviewed By :Christian Giraldo 12/12/2022
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#6
Aniline
Concen: 40.086 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.000 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

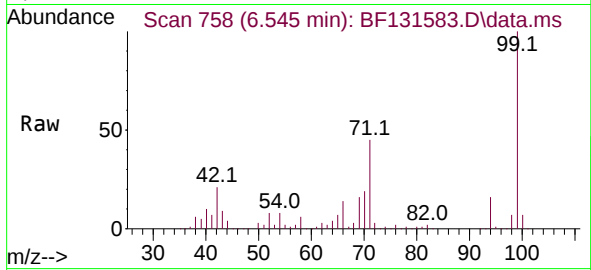
Tgt Ion: 93 Resp: 233560
Ion Ratio Lower Upper
93 100
66 45.3 34.6 51.8
65 22.8 17.7 26.5





#7
Phenol-d6
Concen: 80.131 ng
RT: 6.545 min Scan# 756
Delta R.T. 0.012 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

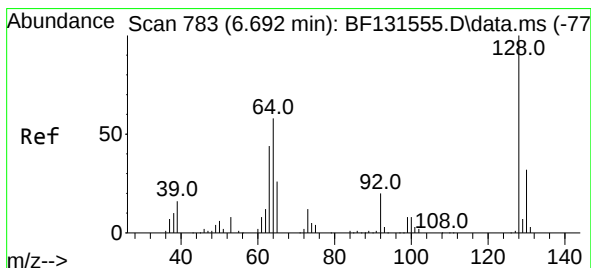
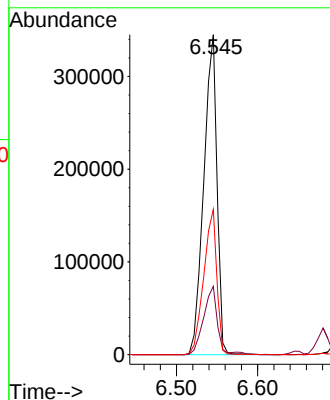
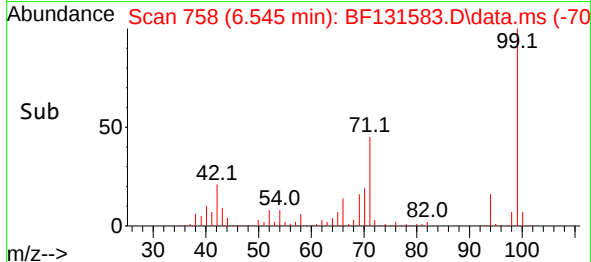
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ClientSampleId :
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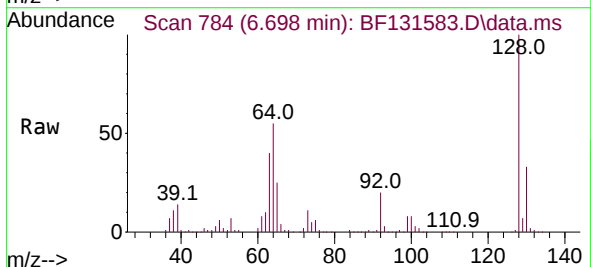
Tgt Ion: 99 Resp: 390388
Ion Ratio Lower Upper
99 100
42 21.3 17.9 26.9
71 45.4 37.2 55.8

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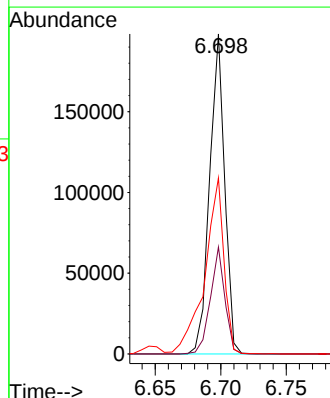
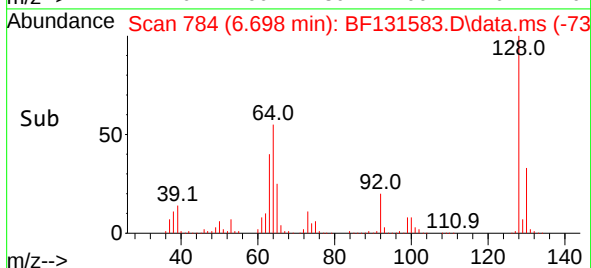
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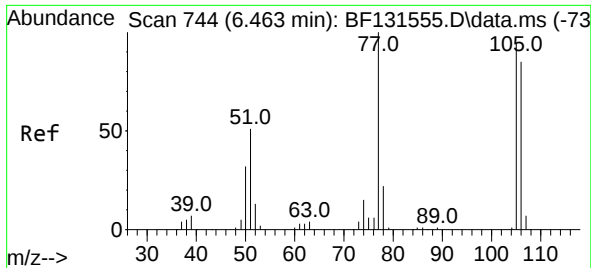


#8
2-Chlorophenol
Concen: 40.103 ng
RT: 6.698 min Scan# 784
Delta R.T. 0.006 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26



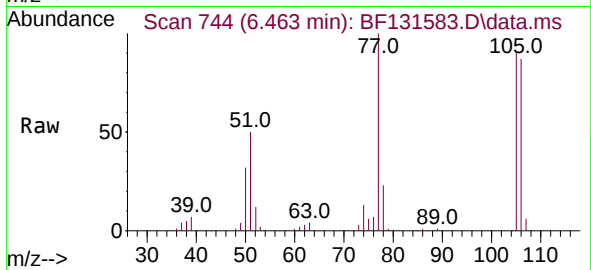
Tgt Ion:128 Resp: 157999
Ion Ratio Lower Upper
128 100
130 33.4 11.6 51.6
64 55.0 40.6 80.6





#9
Benzaldehyde
Concen: 36.262 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

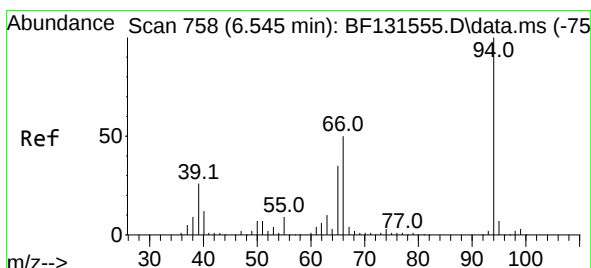
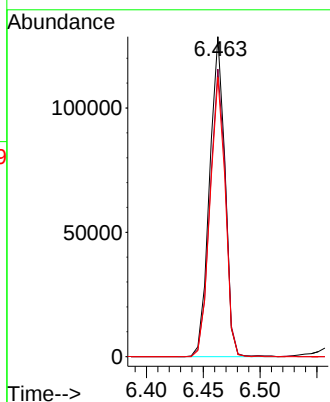
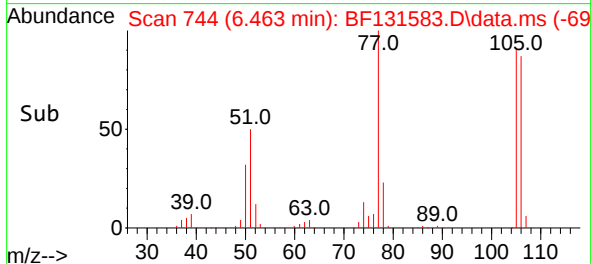
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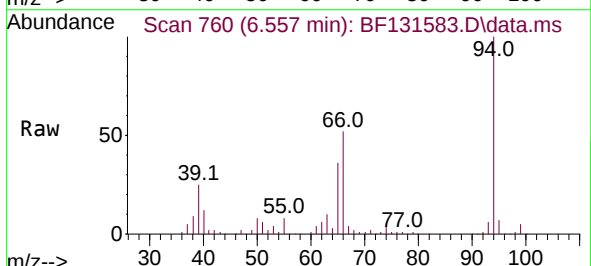
Tgt Ion: 77 Resp: 121025
Ion Ratio Lower Upper
77 100
105 89.8 73.8 113.8
106 87.3 65.2 105.2

Manual Integrations
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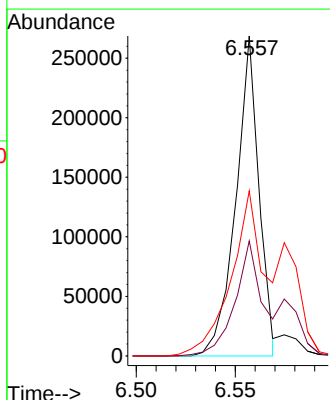
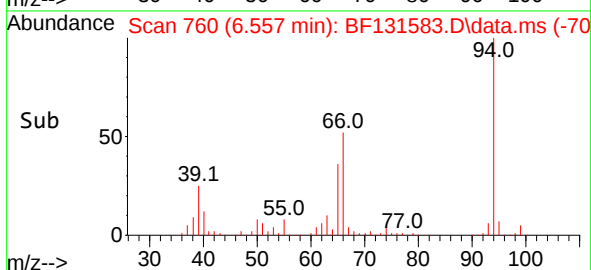
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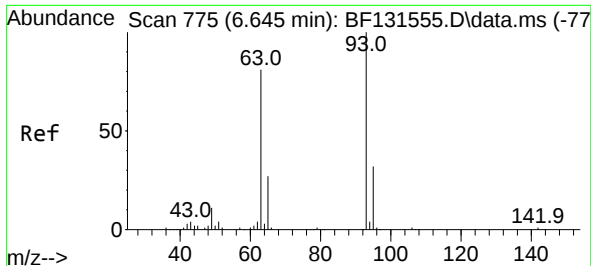


#10
Phenol
Concen: 40.115 ng m
RT: 6.557 min Scan# 760
Delta R.T. 0.012 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26



Tgt Ion: 94 Resp: 217996
Ion Ratio Lower Upper
94 100
65 35.9 14.8 54.8
66 51.6 30.8 70.8





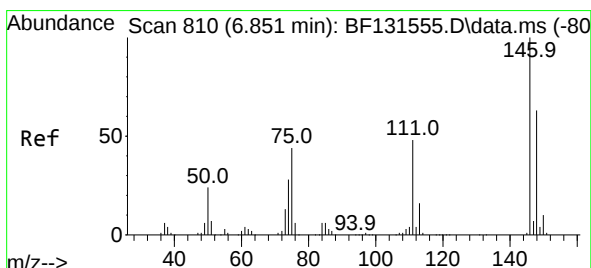
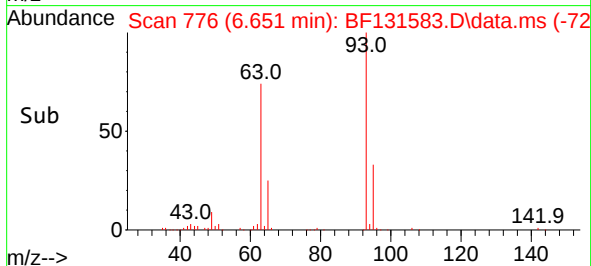
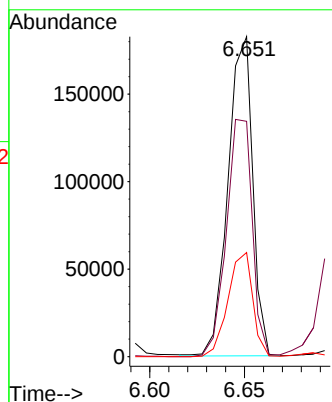
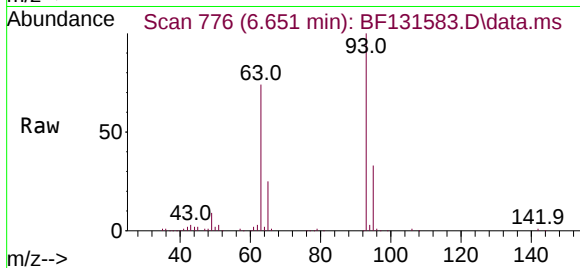
#11
bis(2-Chloroethyl)ether
Concen: 40.632 ng
RT: 6.651 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 165515
Ion Ratio Lower Upper
93 100
63 73.5 60.4 100.4
95 32.5 12.3 52.3

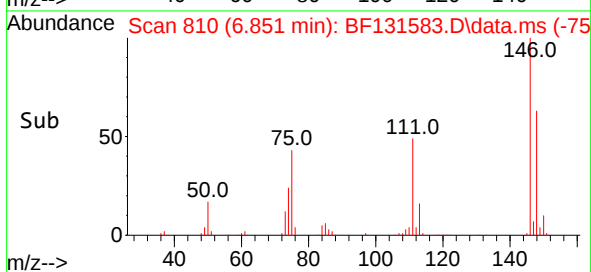
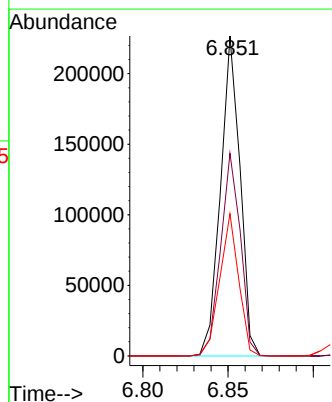
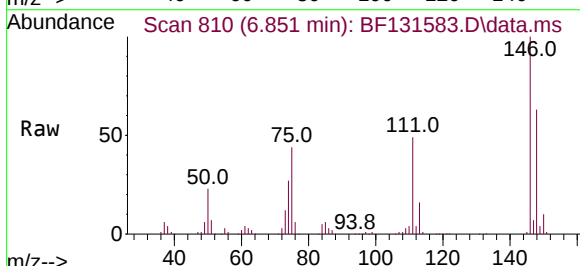
Manual Integrations
APPROVED

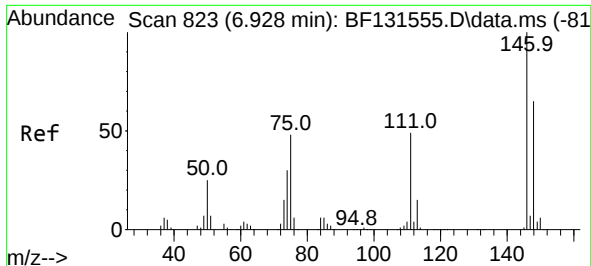
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#12
1,3-Dichlorobenzene
Concen: 39.390 ng
RT: 6.851 min Scan# 810
Delta R.T. -0.000 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

Tgt Ion:146 Resp: 179930
Ion Ratio Lower Upper
146 100
148 63.3 50.7 76.1
75 44.4 35.1 52.7





#13

1,4-Dichlorobenzene

Concen: 39.246 ng

RT: 6.928 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF131583.D

Acq: 10 Dec 2022 11:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 180825

Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.6

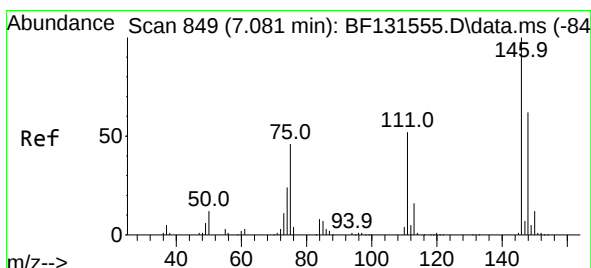
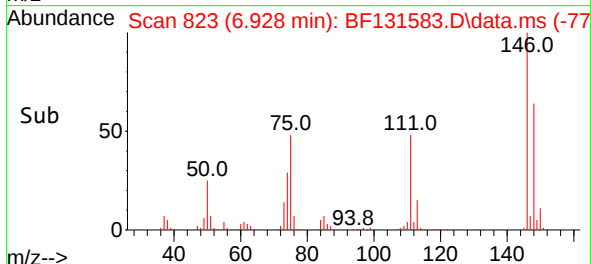
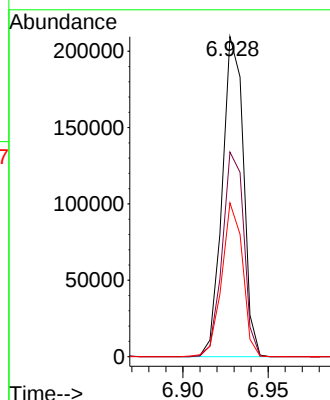
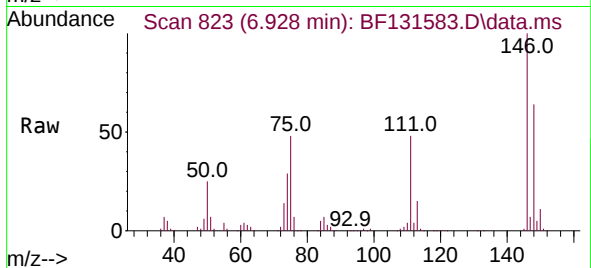
111 48.0 38.9 58.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/12/2022

Supervised By :Jagrut Upadhyay 12/12/2022



#14

1,2-Dichlorobenzene

Concen: 39.360 ng

RT: 7.086 min Scan# 850

Delta R.T. 0.006 min

Lab File: BF131583.D

Acq: 10 Dec 2022 11:26

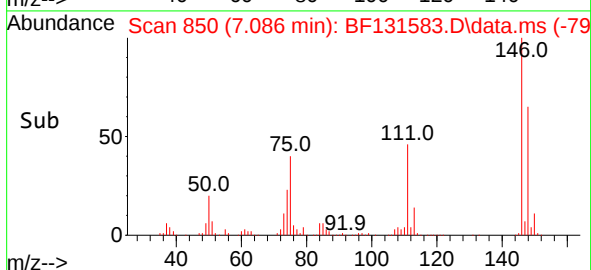
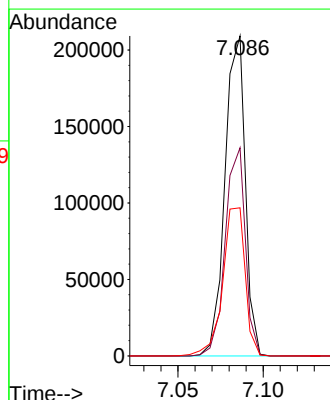
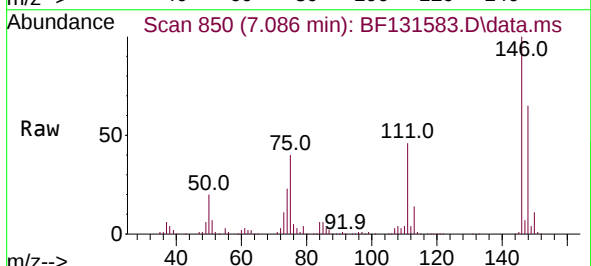
Tgt Ion:146 Resp: 173236

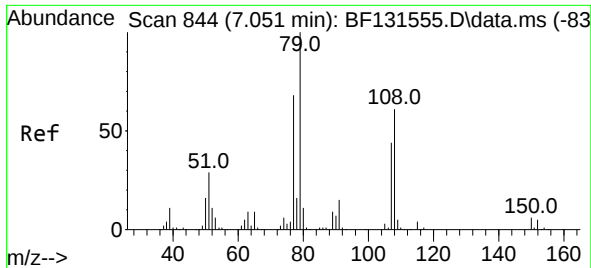
Ion Ratio Lower Upper

146 100

148 65.0 49.9 74.9

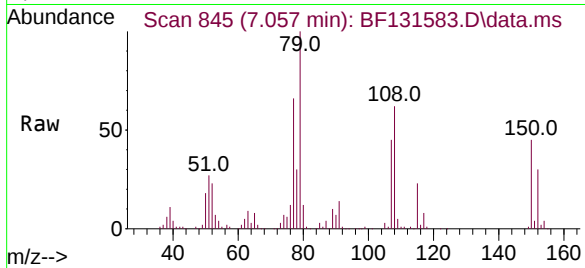
111 46.3 41.8 62.6





#15
Benzyl Alcohol
Concen: 41.119 ng
RT: 7.057 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

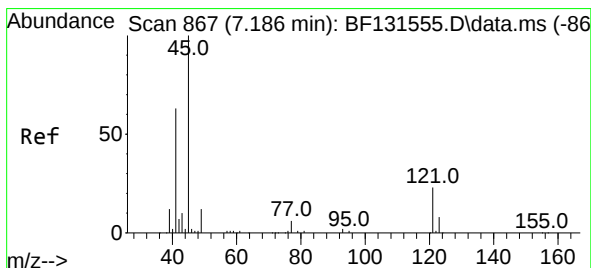
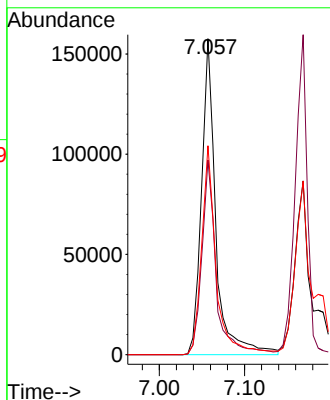
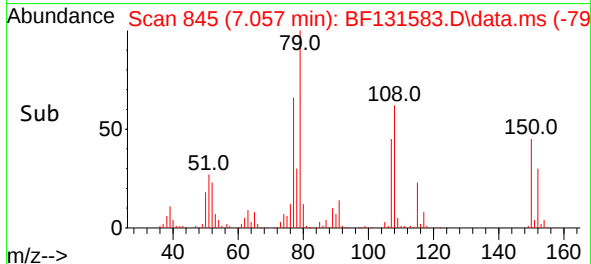
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 183654
Ion Ratio Lower Upper
79 100
108 61.6 49.2 73.8
77 66.1 54.5 81.7

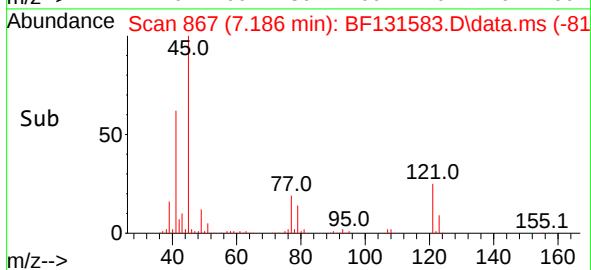
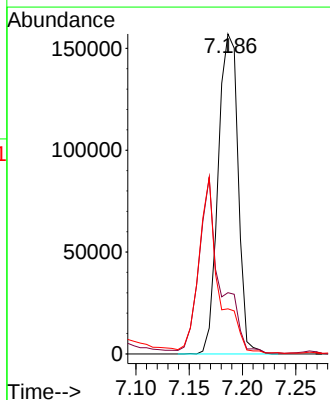
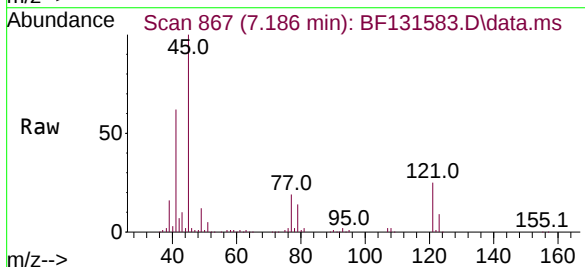
Manual Integrations
APPROVED

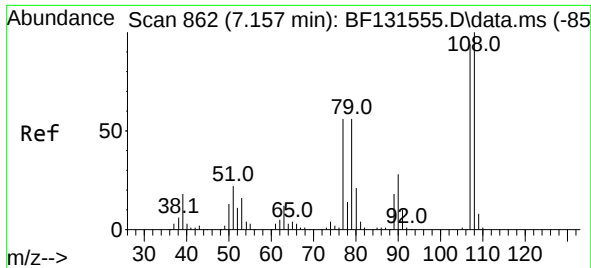
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.925 ng
RT: 7.186 min Scan# 867
Delta R.T. -0.000 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

Tgt Ion: 45 Resp: 204823
Ion Ratio Lower Upper
45 100
77 19.1 0.0 37.7
79 14.1 0.0 33.6





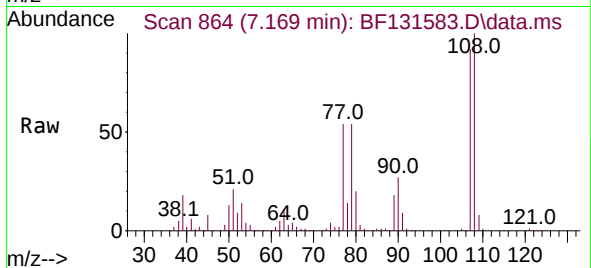
#17
2-Methylphenol
Concen: 41.195 ng
RT: 7.169 min Scan# 864
Delta R.T. 0.012 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

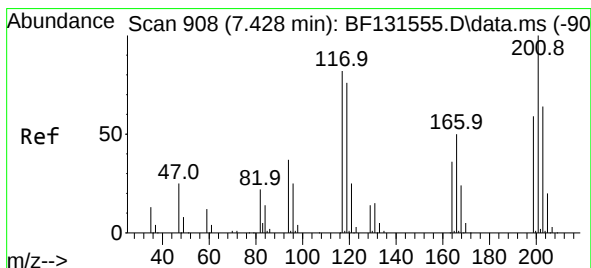
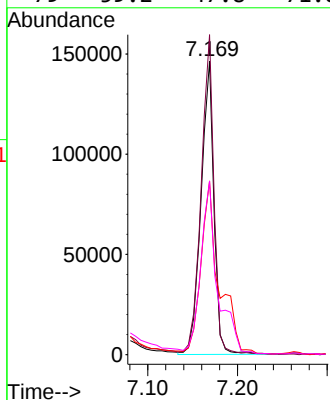
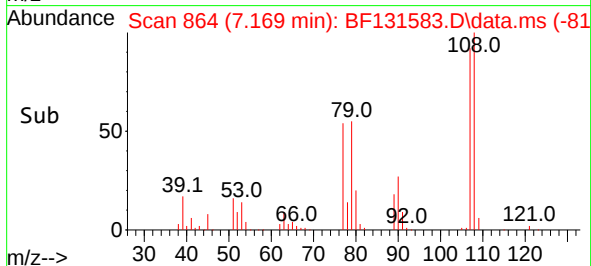


Tgt Ion:107 Resp: 146273
Ion Ratio Lower Upper
107 100
108 109.1 85.5 128.3
77 59.2 48.2 72.4
79 59.2 47.8 71.8

Manual Integrations

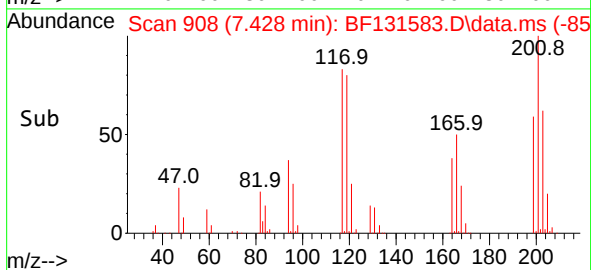
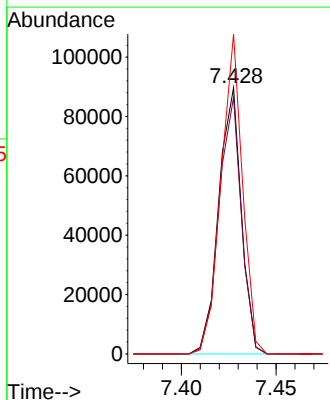
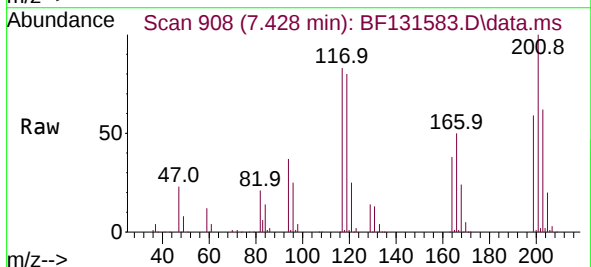
APPROVED

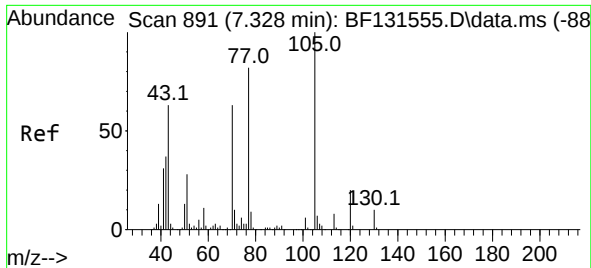
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#18
Hexachloroethane
Concen: 39.970 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

Tgt Ion:117 Resp: 74290
Ion Ratio Lower Upper
117 100
119 96.3 75.0 112.4
201 120.2 98.0 147.0





#19
n-Nitroso-di-n-propylamine
Concen: 40.090 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

Instrument :

BNA_F

ClientSampleId :

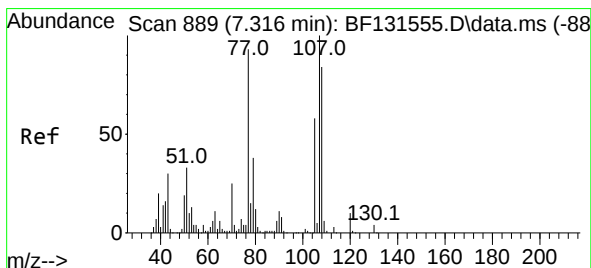
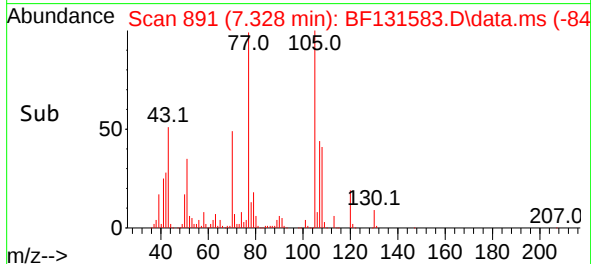
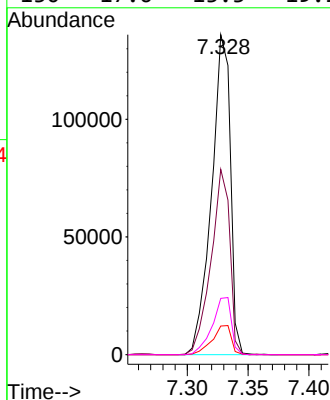
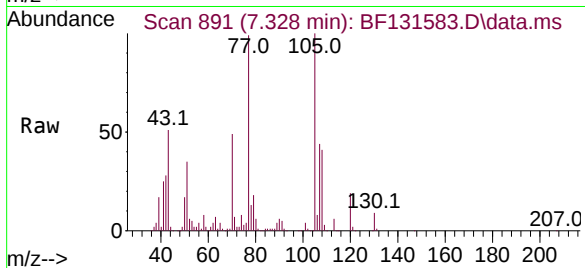
SSTDCCC040

Tgt Ion: 70 Resp: 146453
Ion Ratio Lower Upper
70 100
42 57.9 46.4 69.6
101 8.9 7.2 10.8
130 17.6 13.3 19.9

Manual Integrations

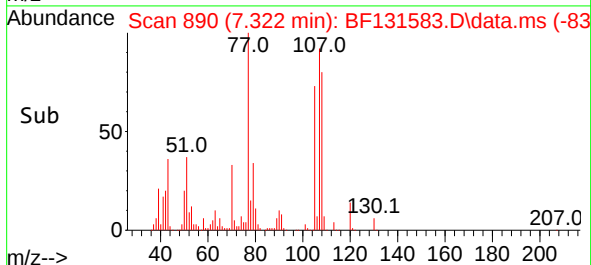
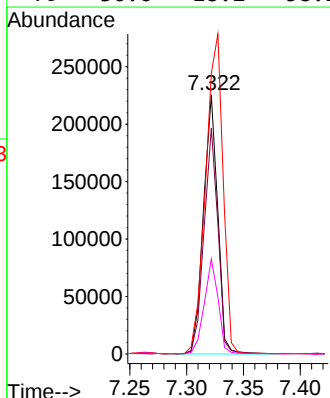
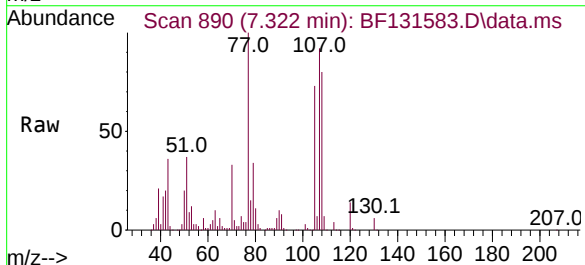
APPROVED

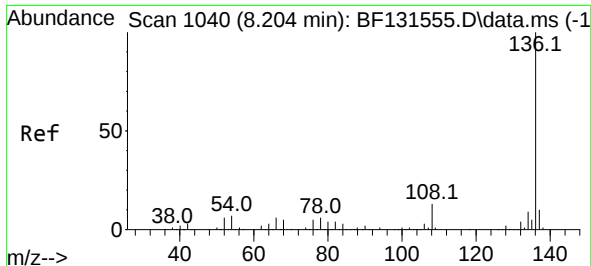
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#20
3+4-Methylphenols
Concen: 40.610 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.006 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

Tgt Ion:107 Resp: 196405
Ion Ratio Lower Upper
107 100
108 87.0 64.0 104.0
77 108.2 73.1 113.1
79 36.6 18.2 58.2





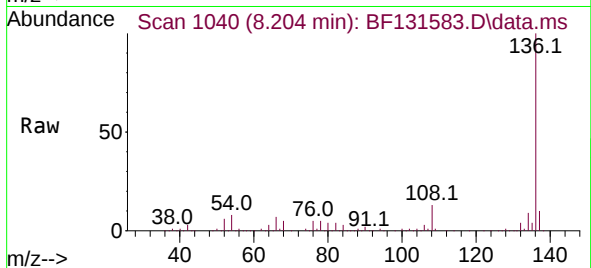
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

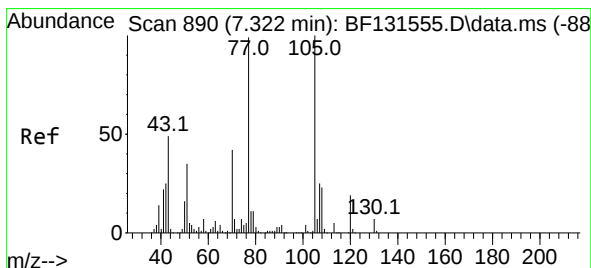
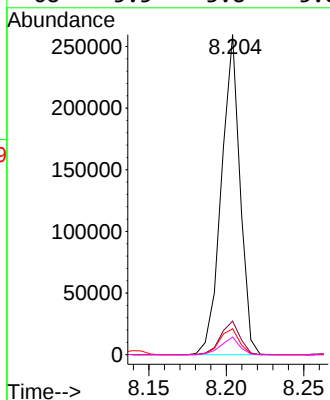
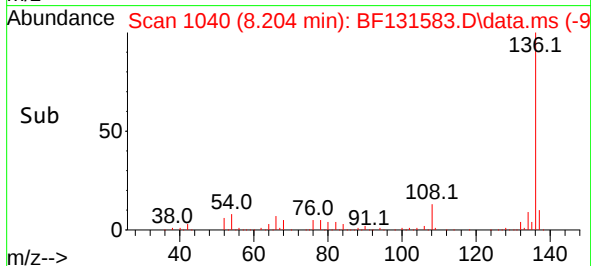


Tgt Ion:136 Resp: 216685
Ion Ratio Lower Upper
136 100
137 10.5 8.1 12.1
54 8.1 6.0 9.0
68 5.5 3.8 5.8

Manual Integrations

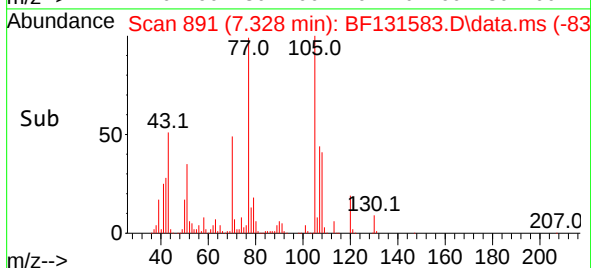
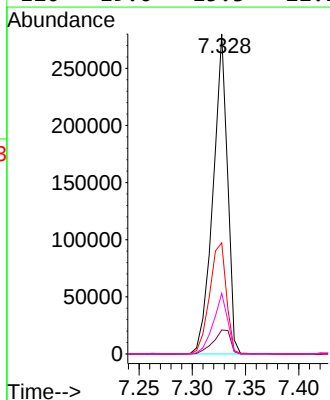
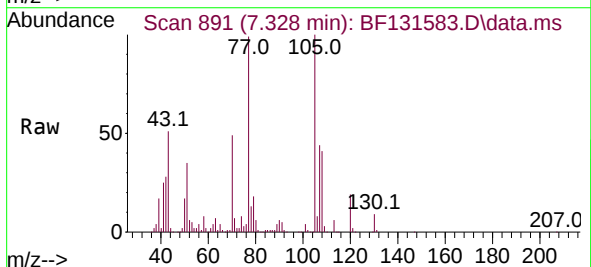
APPROVED

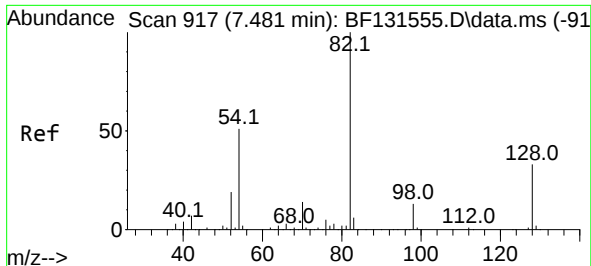
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#22
Acetophenone
Concen: 38.864 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.006 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

Tgt Ion:105 Resp: 263898
Ion Ratio Lower Upper
105 100
71 7.5 5.4 8.0
51 34.7 27.8 41.6
120 19.0 15.3 22.9





#23

Nitrobenzene-d5

Concen: 77.723 ng

RT: 7.486 min Scan# 917

Delta R.T. 0.006 min

Lab File: BF131583.D

Acq: 10 Dec 2022 11:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 445463

Ion Ratio Lower Upper

82 100

128 35.2 26.1 39.1

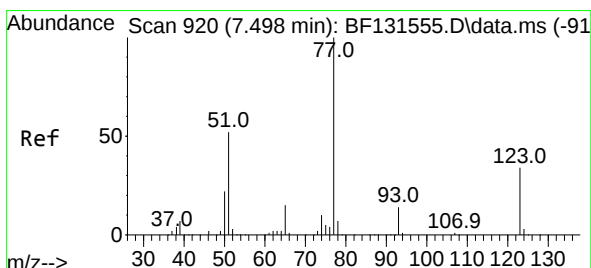
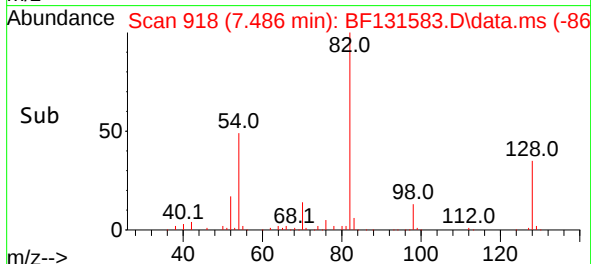
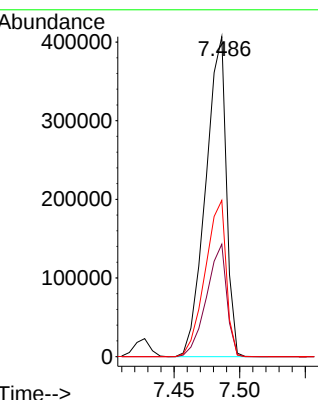
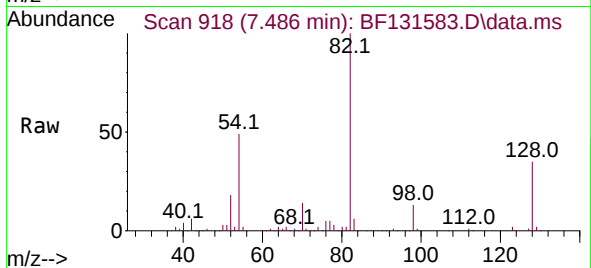
54 48.8 40.6 60.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/12/2022

Supervised By :Jagrut Upadhyay 12/12/2022



#24

Nitrobenzene

Concen: 38.769 ng

RT: 7.504 min Scan# 921

Delta R.T. 0.006 min

Lab File: BF131583.D

Acq: 10 Dec 2022 11:26

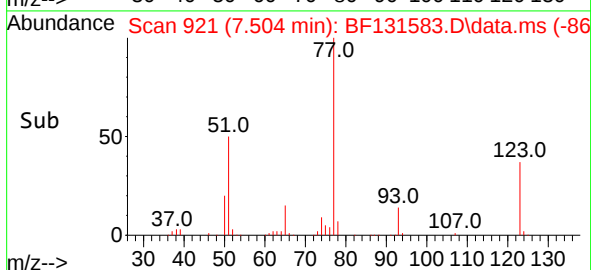
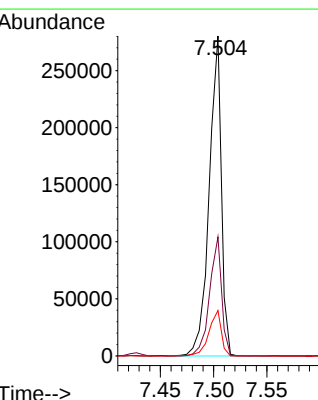
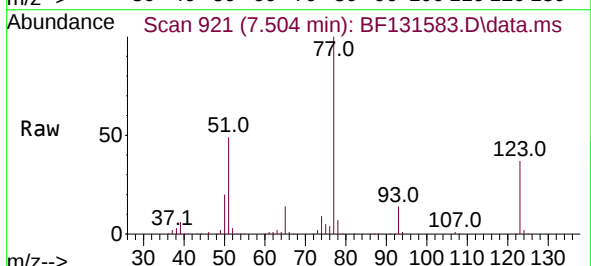
Tgt Ion: 77 Resp: 224106

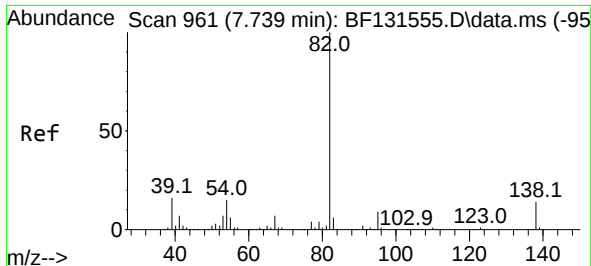
Ion Ratio Lower Upper

77 100

123 37.2 27.1 40.7

65 14.2 11.9 17.9





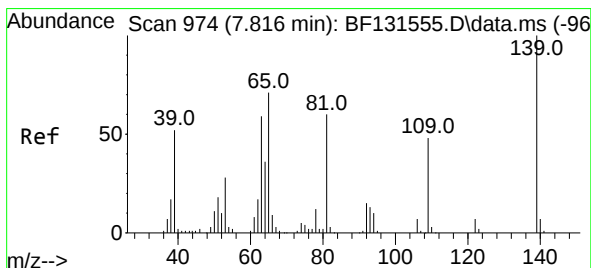
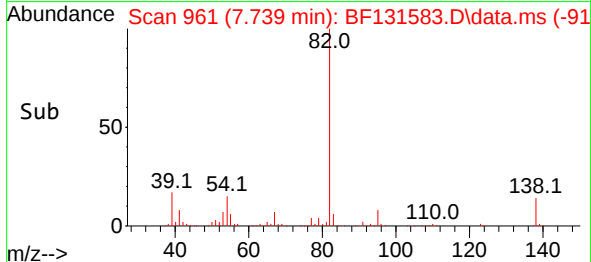
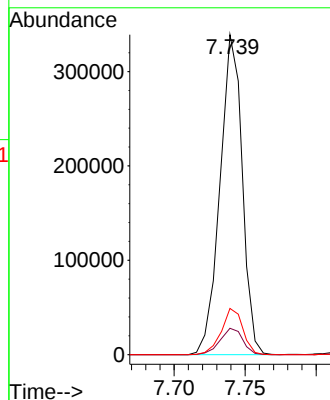
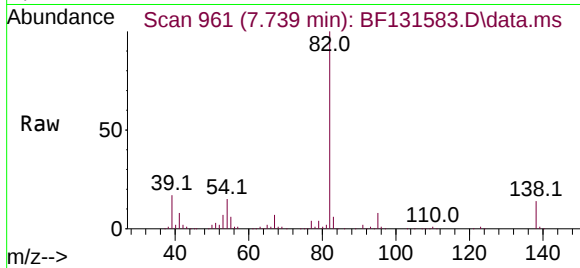
#25
Isophorone
Concen: 40.106 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 370252
Ion Ratio Lower Upper
82 100
95 8.2 6.9 10.3
138 14.4 11.4 17.0

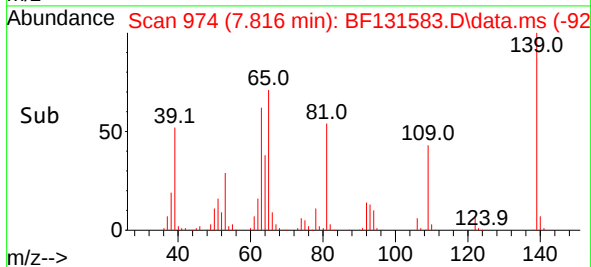
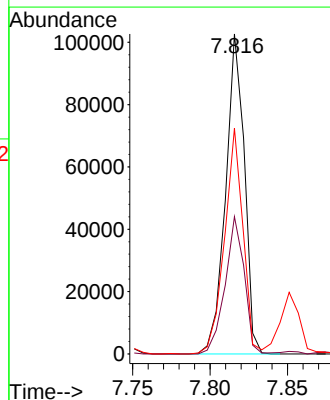
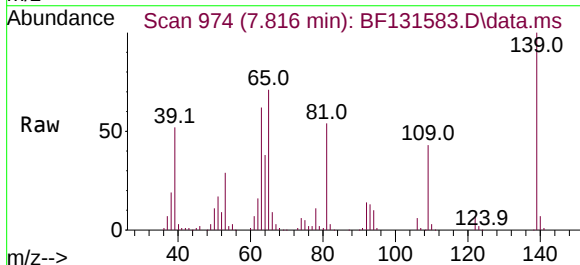
Manual Integrations
APPROVED

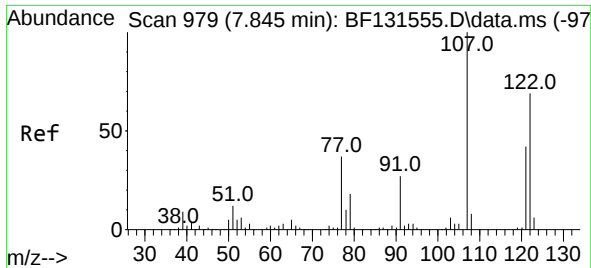
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#26
2-Nitrophenol
Concen: 43.795 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.000 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

Tgt Ion:139 Resp: 86332
Ion Ratio Lower Upper
139 100
109 42.9 38.6 58.0
65 70.5 56.5 84.7





#27
2,4-Dimethylphenol
Concen: 40.742 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.006 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

Instrument :

BNA_F

ClientSampleId :

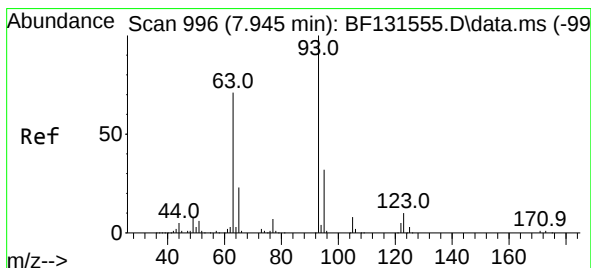
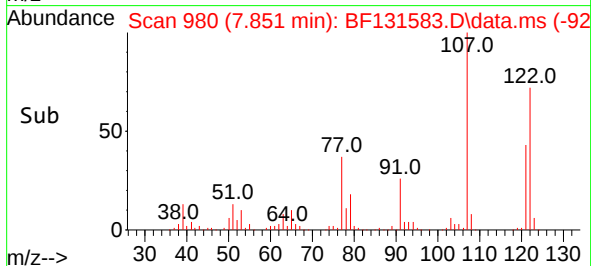
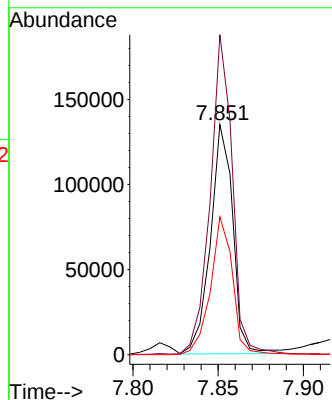
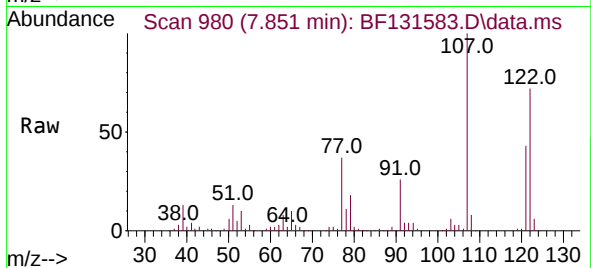
SSTDCCC040

Tgt Ion:122 Resp: 123101
Ion Ratio Lower Upper
122 100
107 139.1 114.2 171.2
121 59.8 48.2 72.2

Manual Integrations

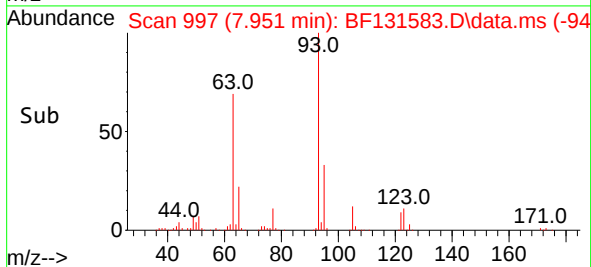
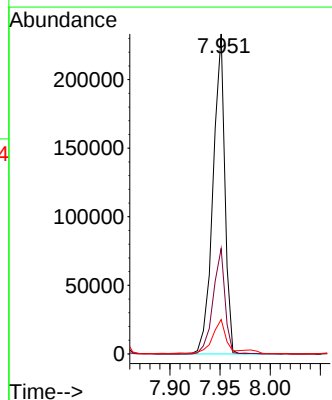
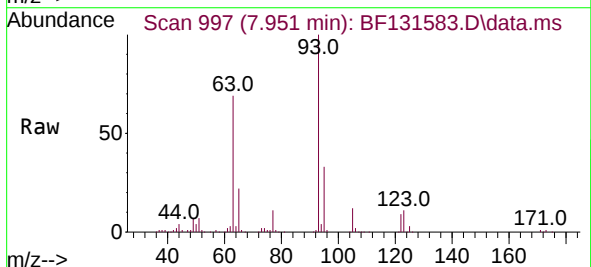
APPROVED

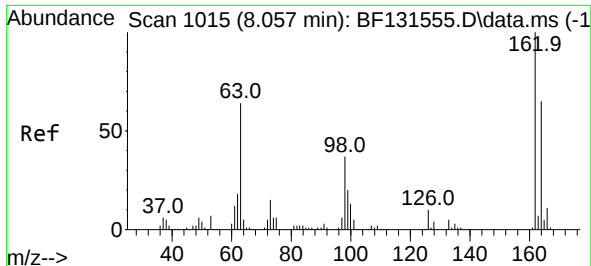
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#28
bis(2-Chloroethoxy)methane
Concen: 40.189 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.006 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

Tgt Ion: 93 Resp: 191931
Ion Ratio Lower Upper
93 100
95 32.9 25.8 38.6
123 10.7 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 40.365 ng

RT: 8.063 min Scan# 1016

Delta R.T. 0.006 min

Lab File: BF131583.D

Acq: 10 Dec 2022 11:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 150801

Ion Ratio Lower Upper

162 100

164 65.6 45.0 85.0

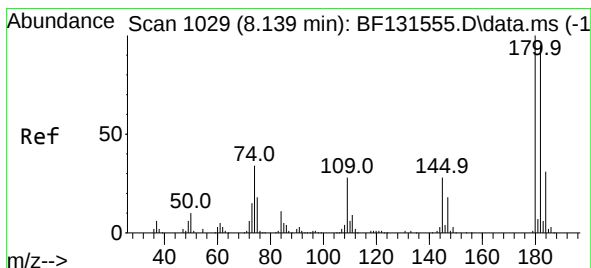
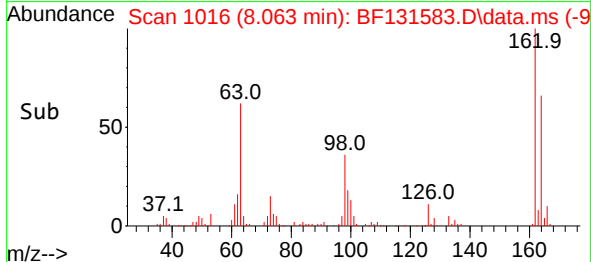
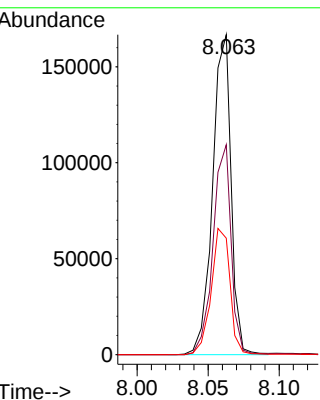
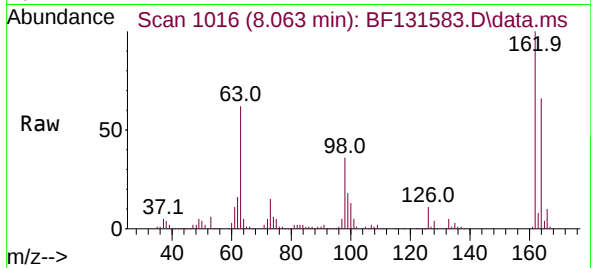
98 36.4 16.6 56.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/12/2022

Supervised By :Jagrut Upadhyay 12/12/2022



#30

1,2,4-Trichlorobenzene

Concen: 38.858 ng

RT: 8.139 min Scan# 1029

Delta R.T. -0.000 min

Lab File: BF131583.D

Acq: 10 Dec 2022 11:26

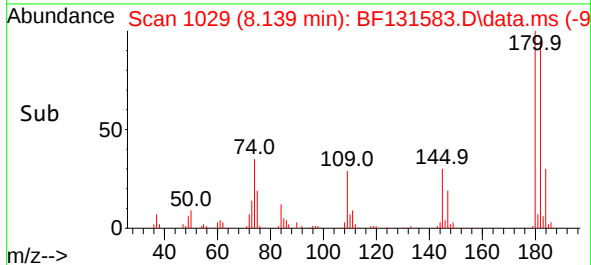
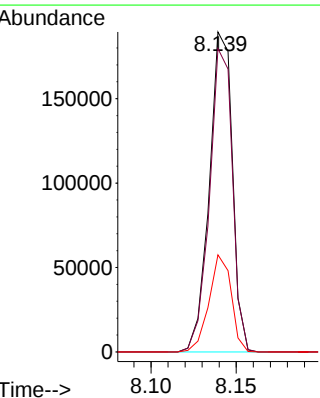
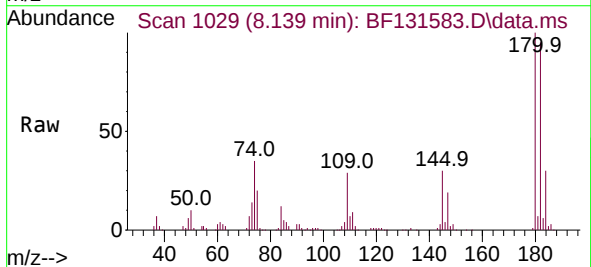
Tgt Ion:180 Resp: 178030

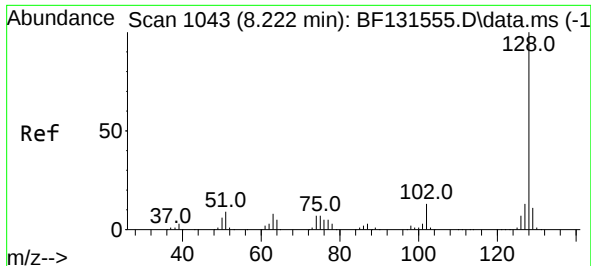
Ion Ratio Lower Upper

180 100

182 94.8 75.8 113.6

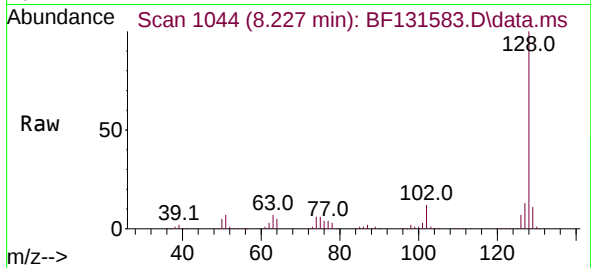
145 30.3 22.4 33.6





#31
Naphthalene
Concen: 39.361 ng
RT: 8.227 min Scan# 1043
Delta R.T. 0.006 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

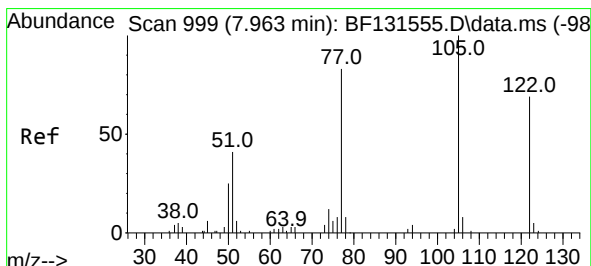
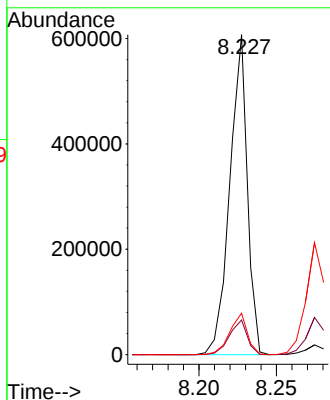
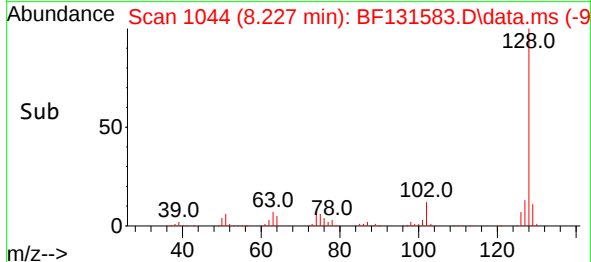
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 480374
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 12.9 10.6 15.8

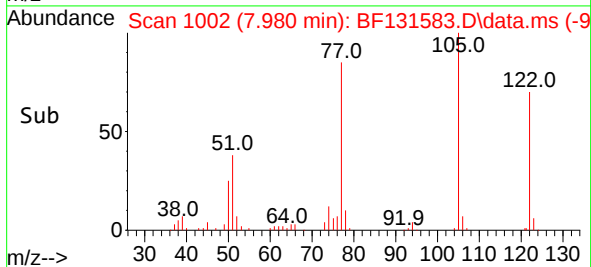
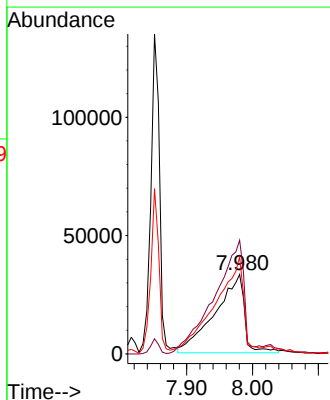
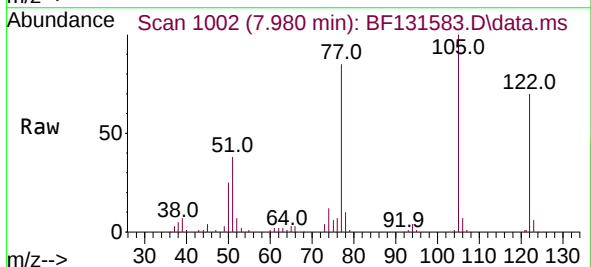
Manual Integrations
APPROVED

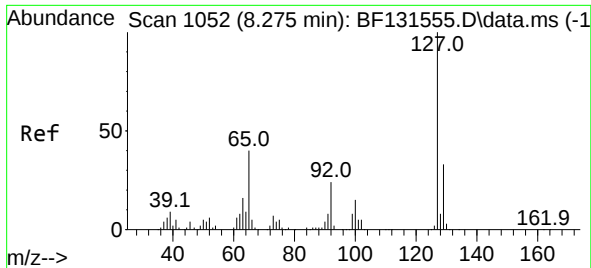
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#32
Benzoic acid
Concen: 47.185 ng m
RT: 7.980 min Scan# 1002
Delta R.T. 0.017 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

Tgt Ion:122 Resp: 103251
Ion Ratio Lower Upper
122 100
105 143.0 119.8 159.8
77 122.0 97.6 137.6





#33
4-Chloroaniline
Concen: 39.715 ng
RT: 8.275 min Scan# 1052
Delta R.T. -0.000 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

Instrument :

BNA_F

ClientSampleId :

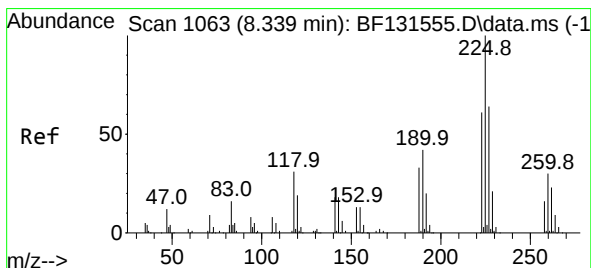
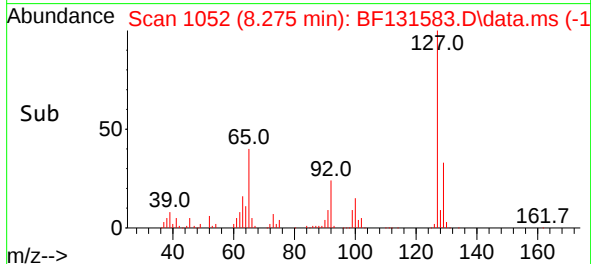
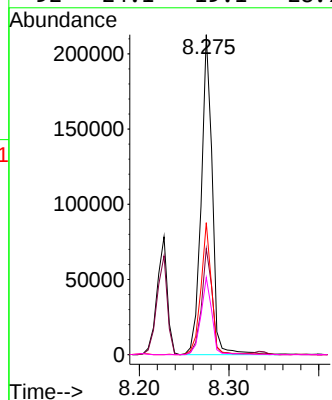
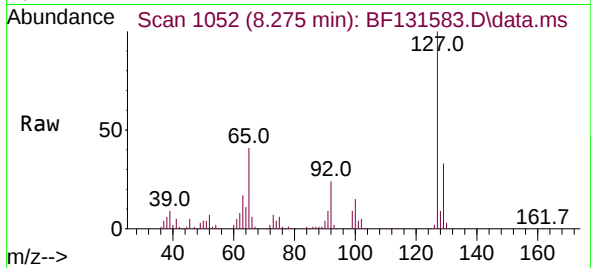
SSTDCCC040

Tgt Ion:127 Resp: 181684
Ion Ratio Lower Upper
127 100
129 33.1 26.4 39.6
65 41.2 31.9 47.9
92 24.1 19.1 28.7

Manual Integrations

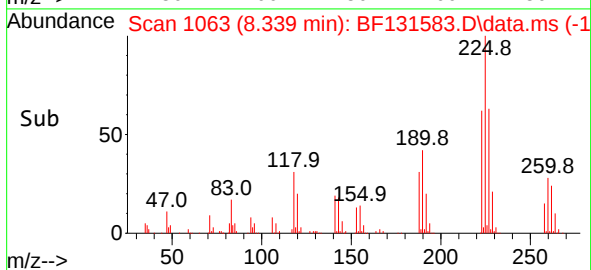
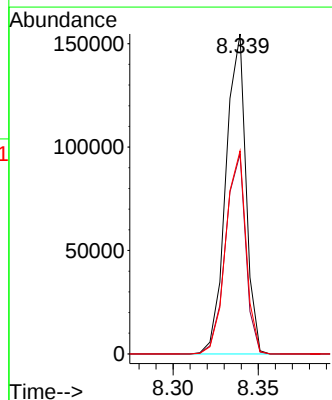
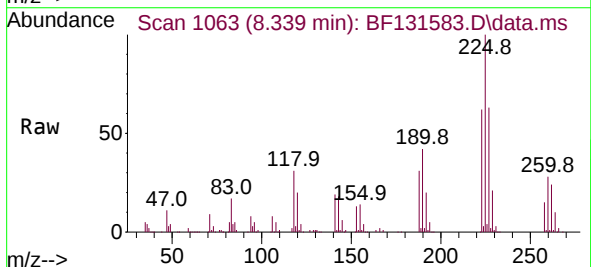
APPROVED

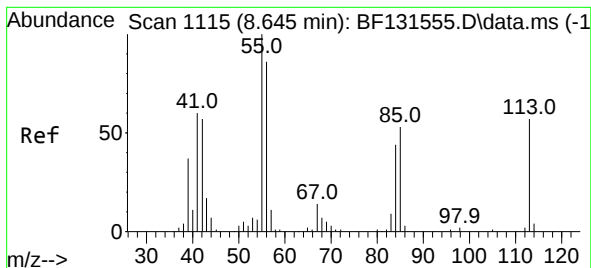
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#34
Hexachlorobutadiene
Concen: 39.117 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.000 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

Tgt Ion:225 Resp: 126308
Ion Ratio Lower Upper
225 100
223 62.5 48.7 73.1
227 63.4 51.0 76.6





#35

Caprolactam

Concen: 45.006 ng

RT: 8.663 min Scan# 1115

Delta R.T. 0.018 min

Lab File: BF131583.D

Acq: 10 Dec 2022 11:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

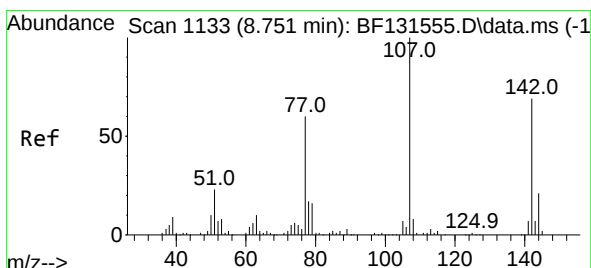
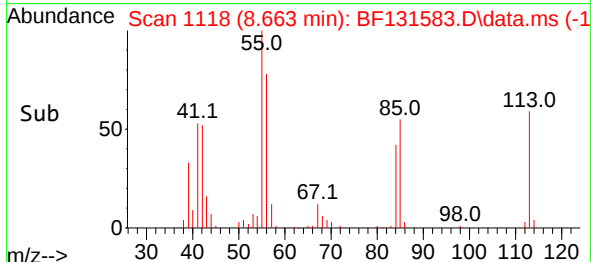
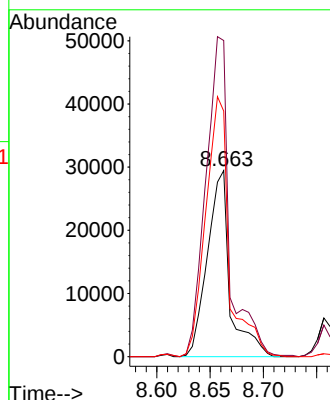
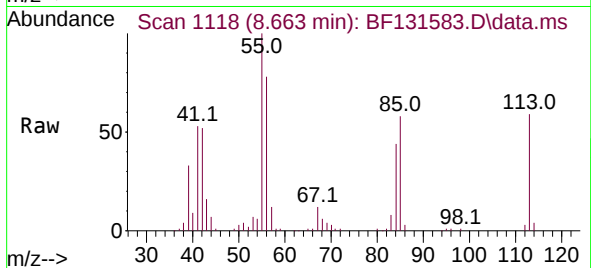
Tgt Ion:113 Resp: 43495

Ion	Ratio	Lower	Upper
113	100		
55	169.9	155.8	195.8
56	132.0	131.7	171.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#36

4-Chloro-3-methylphenol

Concen: 41.531 ng

RT: 8.757 min Scan# 1134

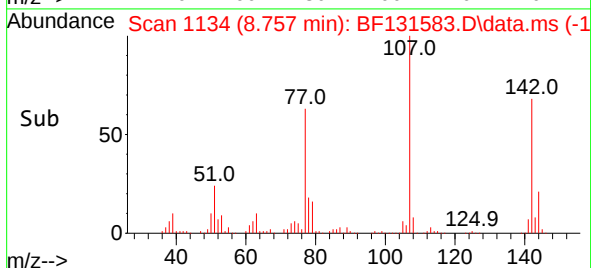
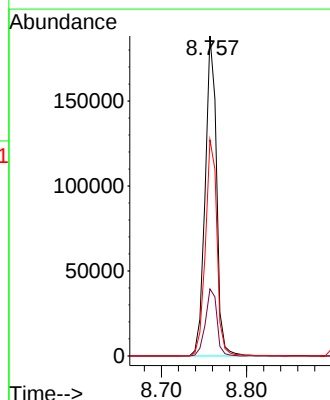
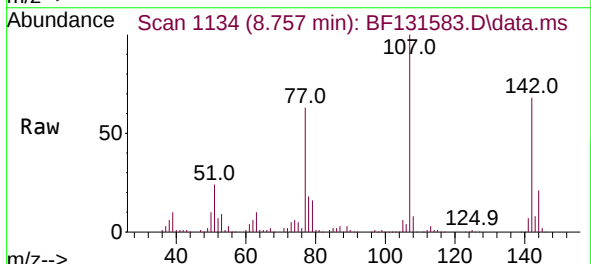
Delta R.T. 0.006 min

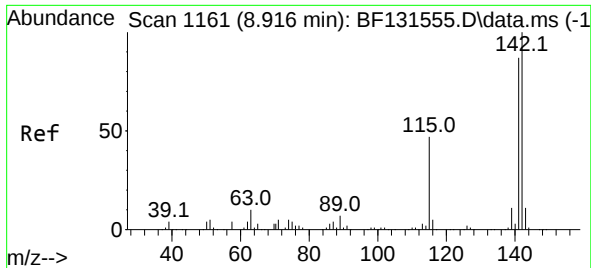
Lab File: BF131583.D

Acq: 10 Dec 2022 11:26

Tgt Ion:107 Resp: 174230

Ion	Ratio	Lower	Upper
107	100		
144	20.9	17.0	25.4
142	67.5	54.8	82.2





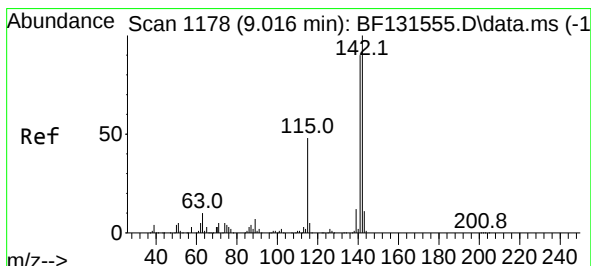
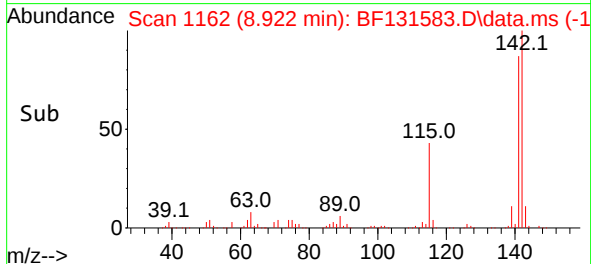
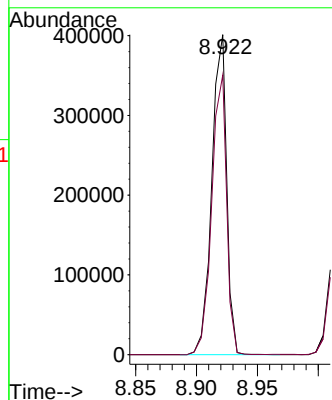
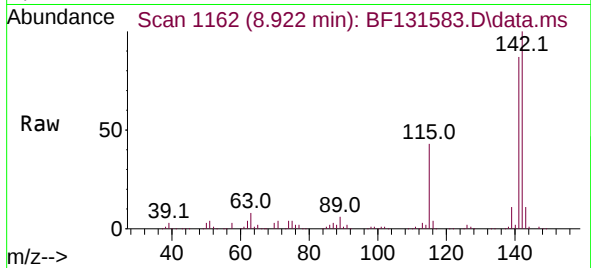
#37
2-Methylnaphthalene
Concen: 40.853 ng
RT: 8.922 min Scan# 1161
Delta R.T. 0.006 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 340974
Ion Ratio Lower Upper
142 100
141 87.4 69.7 104.5

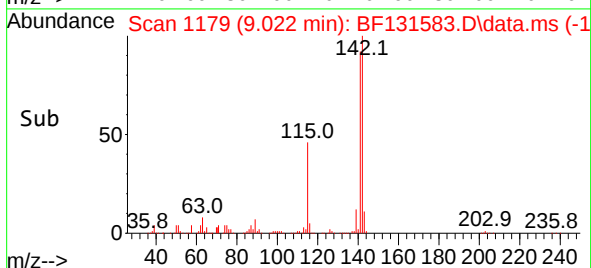
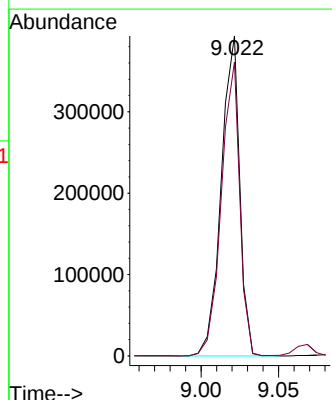
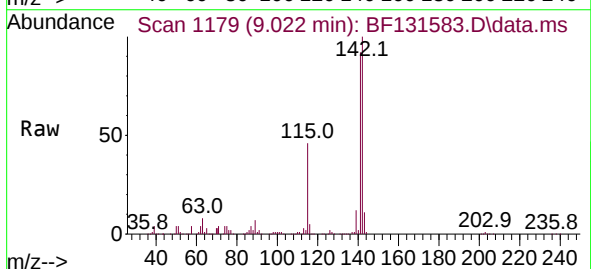
Manual Integrations
APPROVED

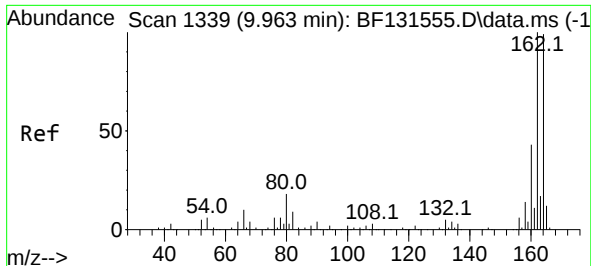
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#38
1-Methylnaphthalene
Concen: 40.903 ng
RT: 9.022 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

Tgt Ion:142 Resp: 327727
Ion Ratio Lower Upper
142 100
141 91.8 71.9 107.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 1339

Delta R.T. 0.006 min

Lab File: BF131583.D

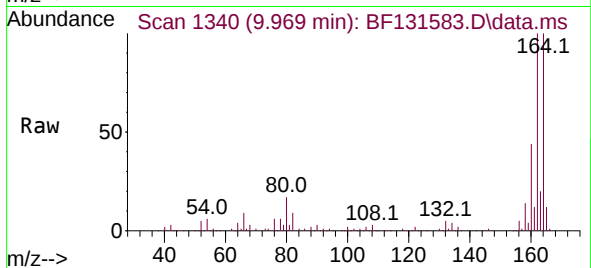
Acq: 10 Dec 2022 11:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 133296

Ion Ratio Lower Upper

164 100

162 100.2 81.0 121.6

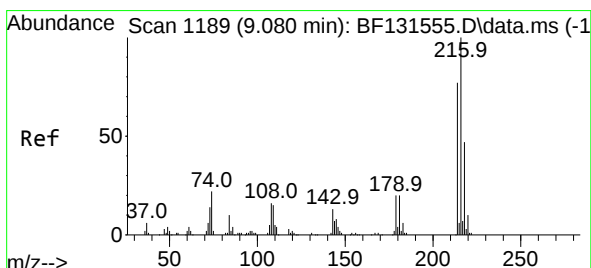
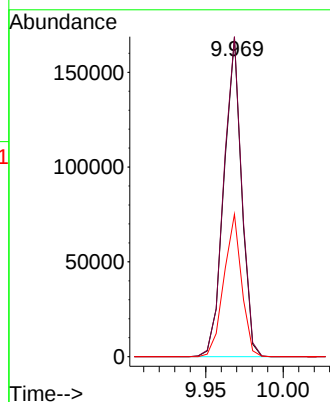
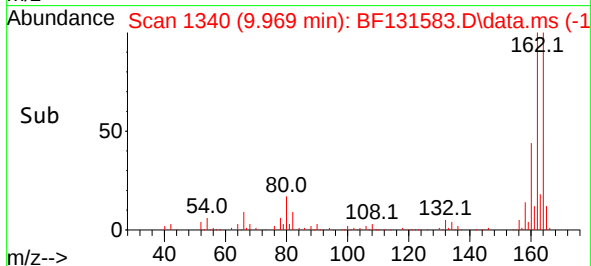
160 44.6 35.0 52.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/12/2022

Supervised By :Jagrut Upadhyay 12/12/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.182 ng

RT: 9.080 min Scan# 1189

Delta R.T. -0.000 min

Lab File: BF131583.D

Acq: 10 Dec 2022 11:26

Tgt Ion:216 Resp: 193336

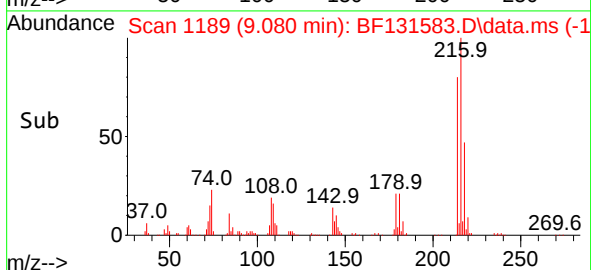
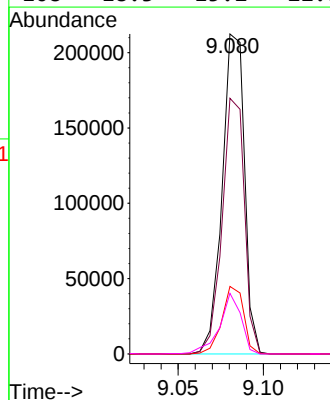
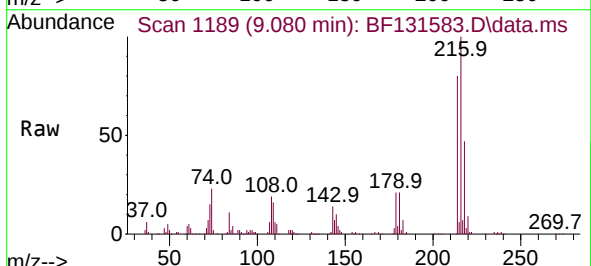
Ion Ratio Lower Upper

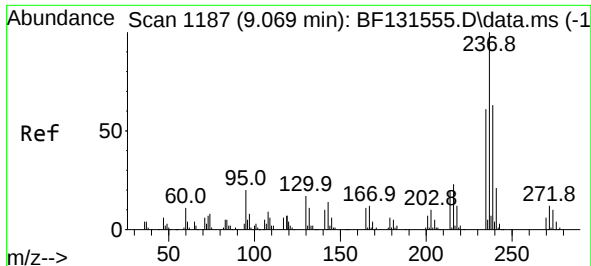
216 100

214 79.6 62.1 93.1

179 20.5 16.0 24.0

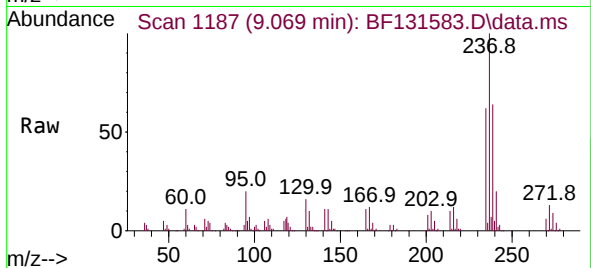
108 18.3 15.2 22.8





#41
Hexachlorocyclopentadiene
Concen: 38.269 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

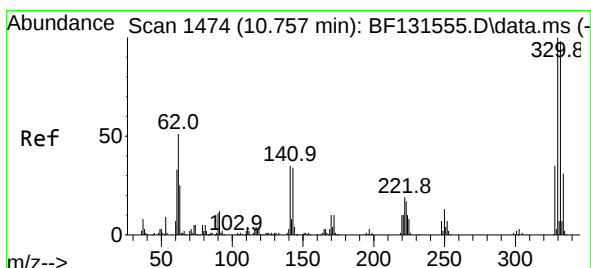
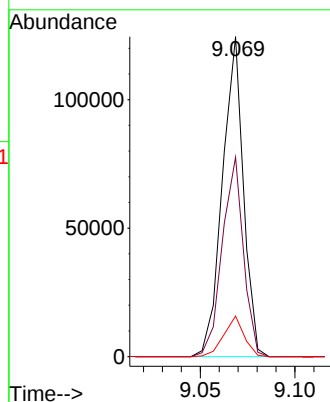
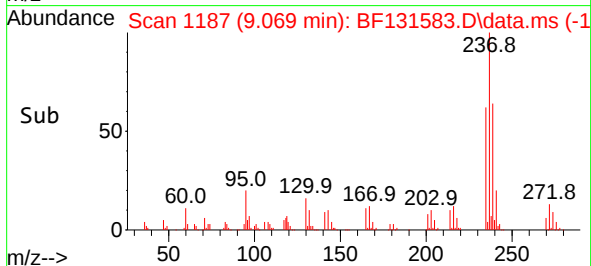
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



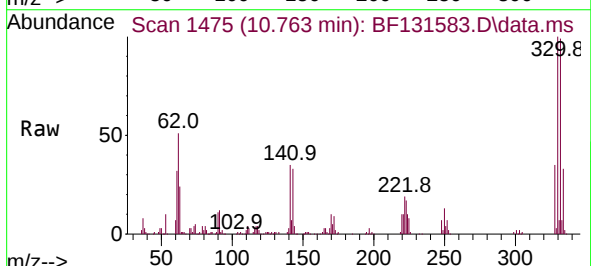
Tgt Ion:237 Resp: 95845
Ion Ratio Lower Upper
237 100
235 62.3 40.6 80.6
272 12.7 0.0 32.2

Manual Integrations
APPROVED

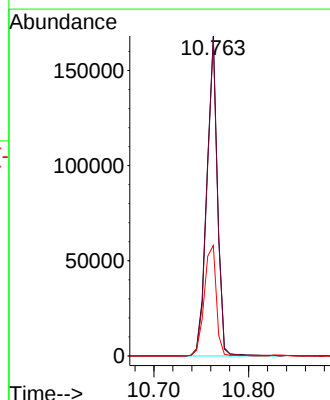
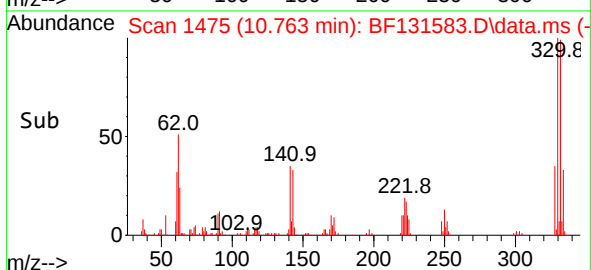
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022

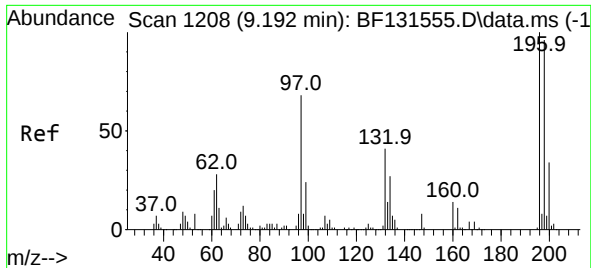


#42
2,4,6-Tribromophenol
Concen: 89.306 ng
RT: 10.763 min Scan# 1475
Delta R.T. 0.006 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26



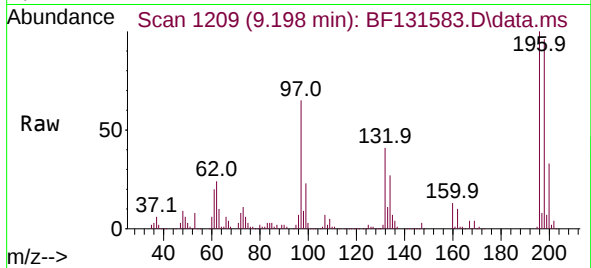
Tgt Ion:330 Resp: 132259
Ion Ratio Lower Upper
330 100
332 97.3 78.3 117.5
141 38.8 32.6 49.0





#43
2,4,6-Trichlorophenol
Concen: 41.488 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

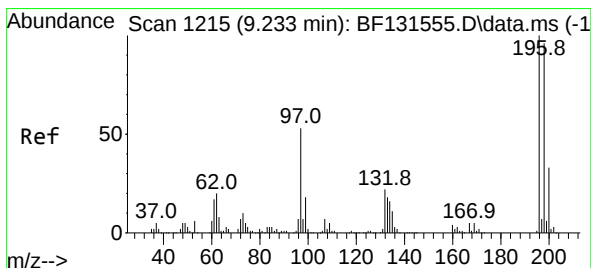
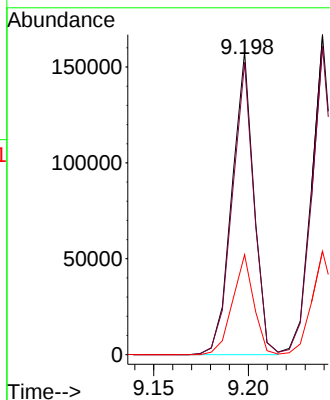
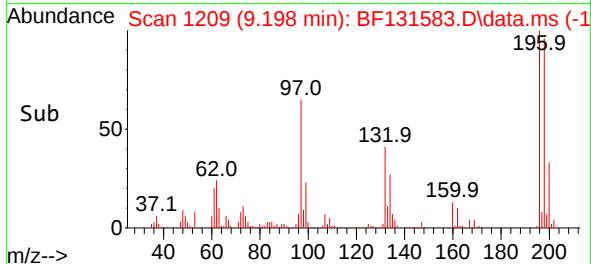
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



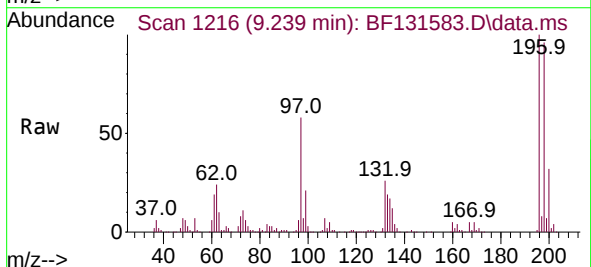
Tgt Ion:196 Resp: 126622
Ion Ratio Lower Upper
196 100
198 96.4 76.9 115.3
200 33.0 26.9 40.3

Manual Integrations
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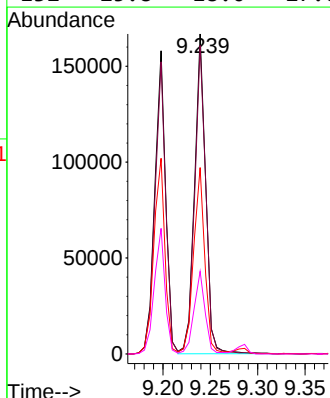
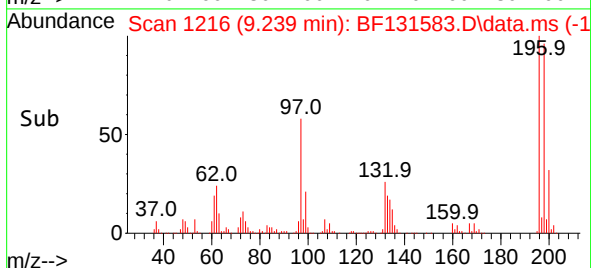
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022

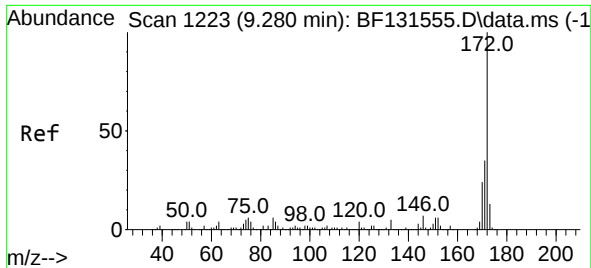


#44
2,4,5-Trichlorophenol
Concen: 41.375 ng
RT: 9.239 min Scan# 1216
Delta R.T. 0.006 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26



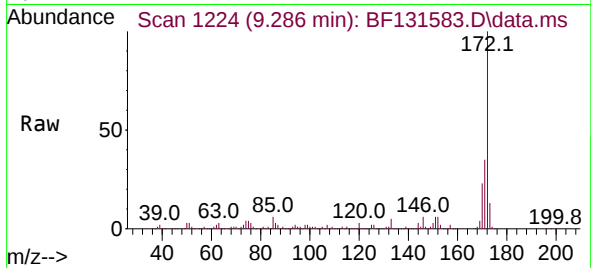
Tgt Ion:196 Resp: 135804
Ion Ratio Lower Upper
196 100
198 96.4 77.2 115.8
97 58.2 42.2 63.2
132 25.8 18.0 27.0





#45
2-Fluorobiphenyl
Concen: 78.302 ng
RT: 9.286 min Scan# 1223
Delta R.T. 0.006 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

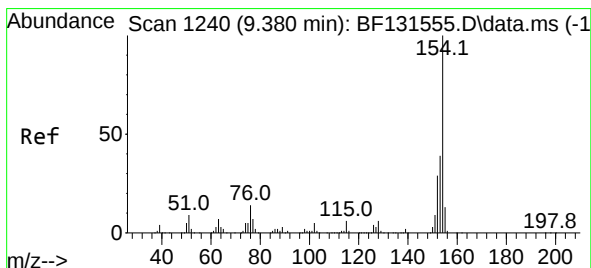
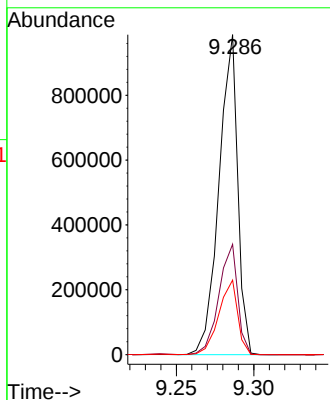
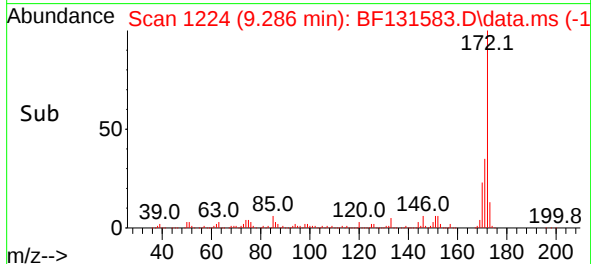
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



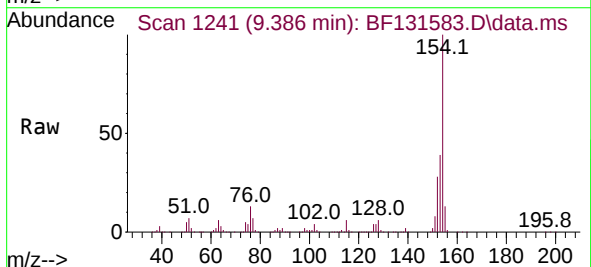
Tgt Ion:172 Resp: 827786
Ion Ratio Lower Upper
172 100
171 34.5 28.3 42.5
170 23.3 19.3 28.9

Manual Integrations
APPROVED

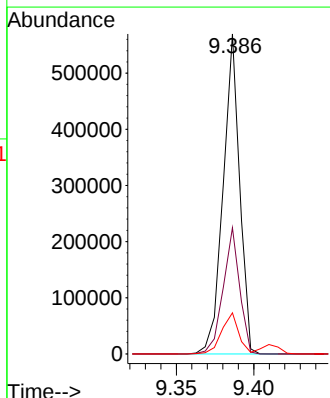
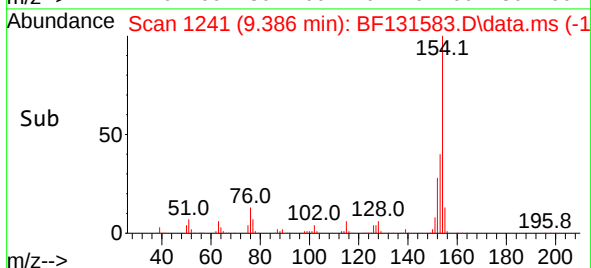
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022

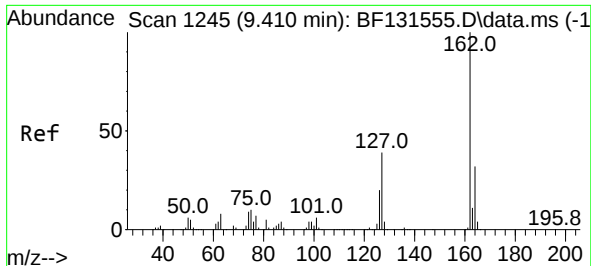


#46
1,1'-Biphenyl
Concen: 40.102 ng
RT: 9.386 min Scan# 1241
Delta R.T. 0.006 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26



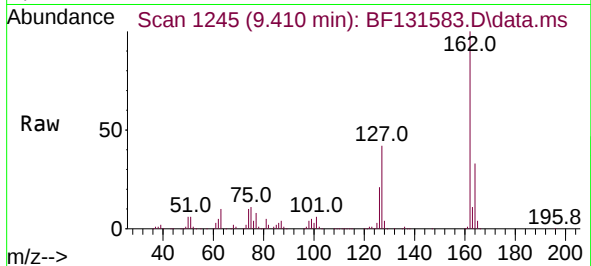
Tgt Ion:154 Resp: 422640
Ion Ratio Lower Upper
154 100
153 39.4 19.4 59.4
76 12.8 0.0 34.0





#47
2-Chloronaphthalene
Concen: 39.997 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.000 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

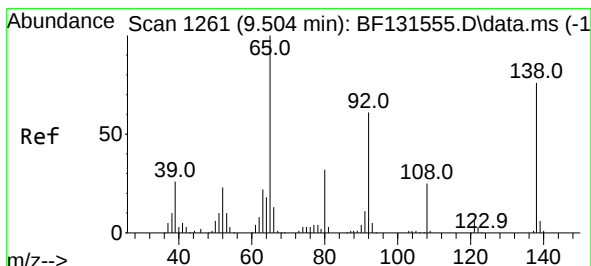
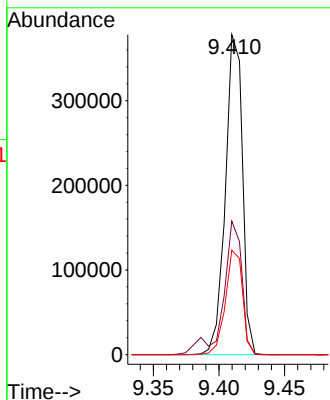
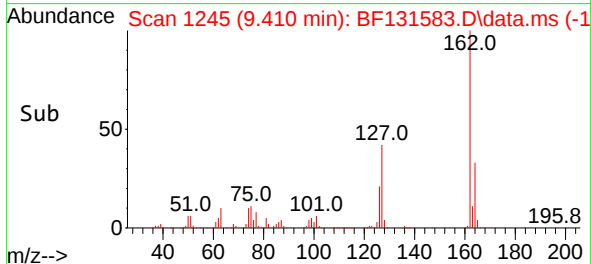
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:162 Resp: 343445
Ion Ratio Lower Upper
162 100
127 41.7 31.4 47.2
164 32.7 25.8 38.8

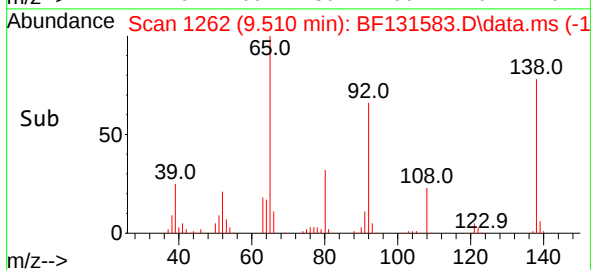
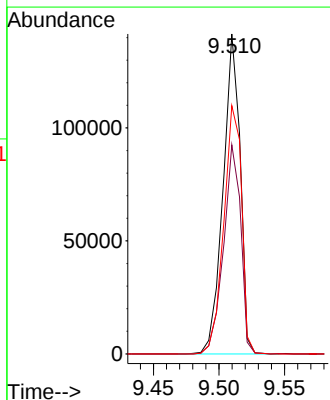
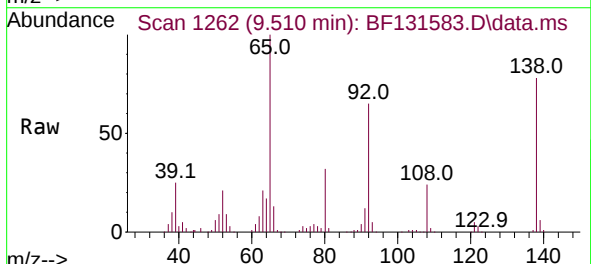
Manual Integrations
APPROVED

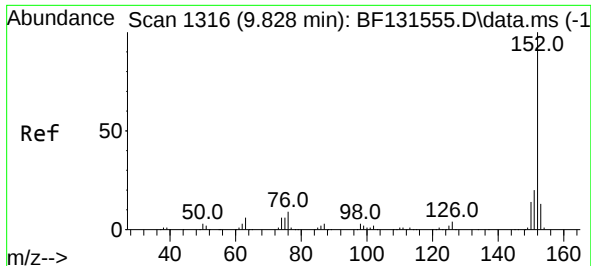
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#48
2-Nitroaniline
Concen: 42.151 ng
RT: 9.510 min Scan# 1262
Delta R.T. 0.006 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

Tgt Ion: 65 Resp: 128213
Ion Ratio Lower Upper
65 100
92 65.3 49.2 73.8
138 77.6 60.7 91.1





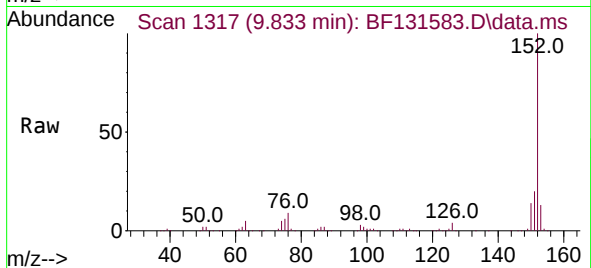
#49
Acenaphthylene
Concen: 40.904 ng
RT: 9.833 min Scan# 1316
Delta R.T. 0.005 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

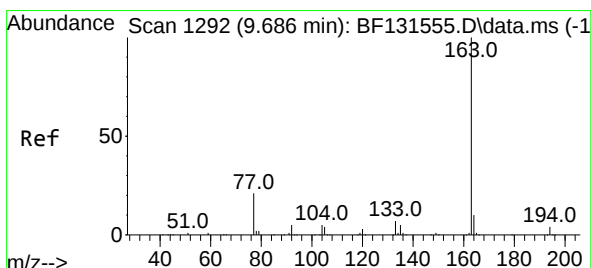
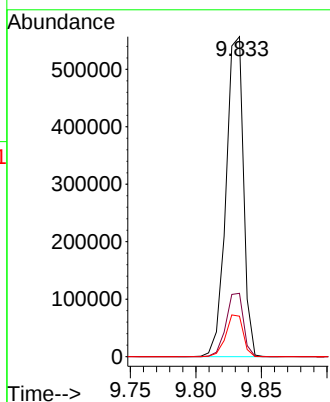
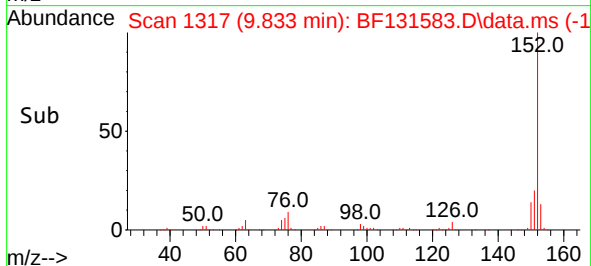


Tgt Ion:152 Resp: 515713
Ion Ratio Lower Upper
152 100
151 19.8 15.6 23.4
153 12.6 10.4 15.6

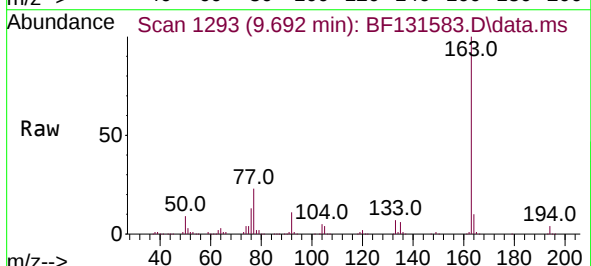
Manual Integrations

APPROVED

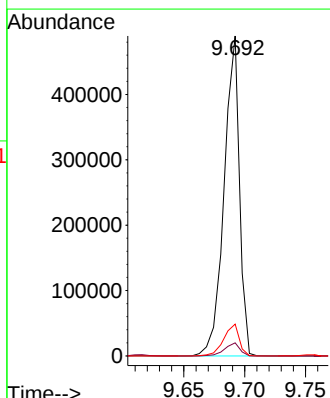
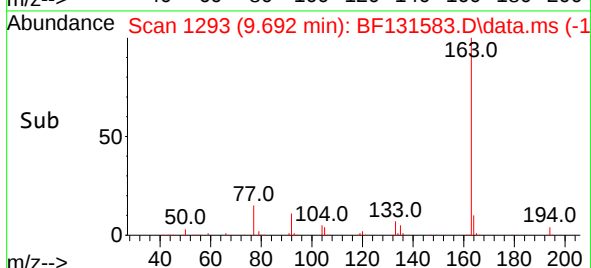
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022

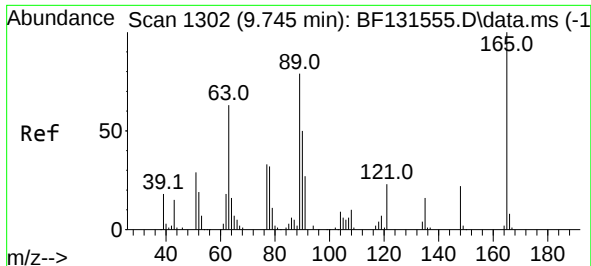


#50
Dimethylphthalate
Concen: 42.229 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.006 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26



Tgt Ion:163 Resp: 429103
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 9.9 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 43.650 ng

RT: 9.751 min Scan# 1302

Delta R.T. 0.006 min

Lab File: BF131583.D

Acq: 10 Dec 2022 11:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

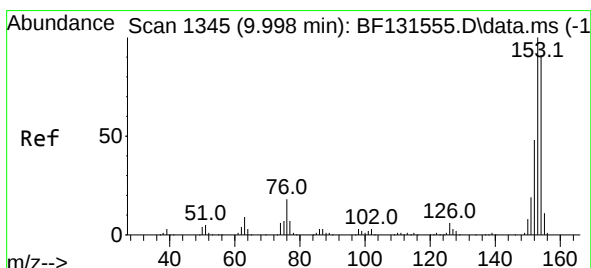
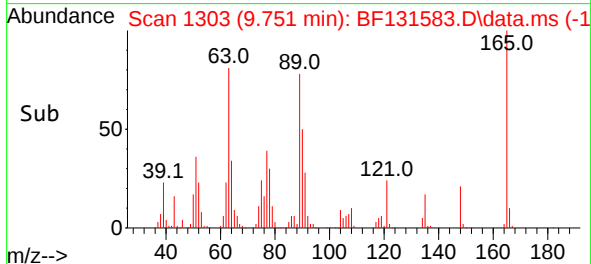
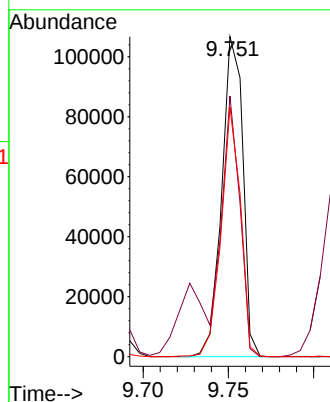
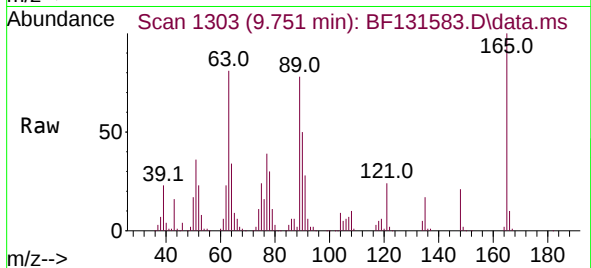
Tgt Ion:165	Resp:	91562
Ion Ratio	Lower	Upper
165	100	
63	81.4	67.9 101.9
89	78.0	63.2 94.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/12/2022

Supervised By :Jagrut Upadhyay 12/12/2022



#52

Acenaphthene

Concen: 41.737 ng m

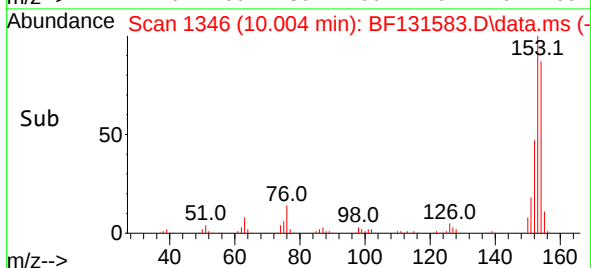
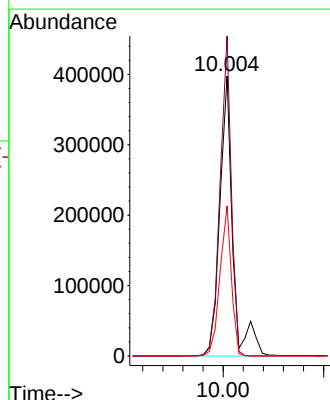
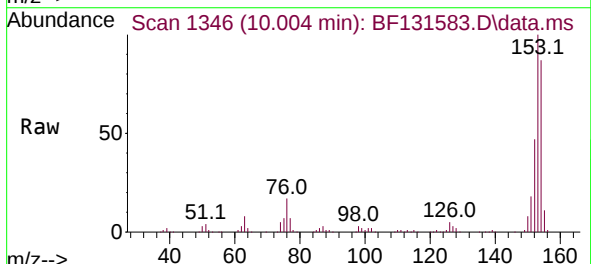
RT: 10.004 min Scan# 1346

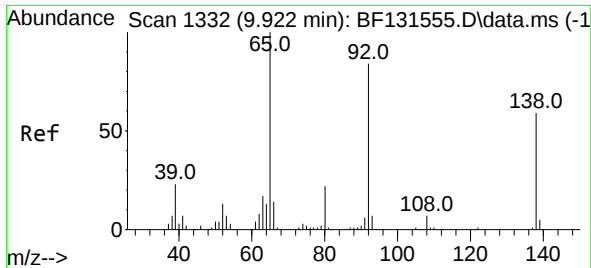
Delta R.T. 0.006 min

Lab File: BF131583.D

Acq: 10 Dec 2022 11:26

Tgt Ion:154	Resp:	352518
Ion Ratio	Lower	Upper
154	100	
153	114.3	87.9 131.9
152	53.6	42.4 63.6





#53
3-Nitroaniline
Concen: 44.335 ng
RT: 9.927 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

Instrument :

BNA_F

ClientSampleId :

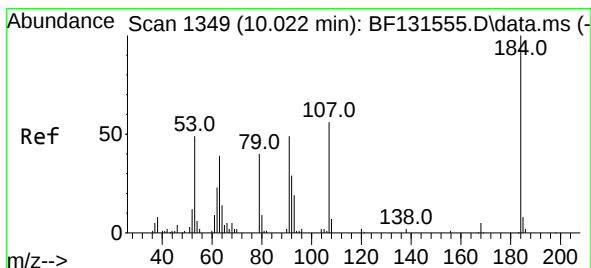
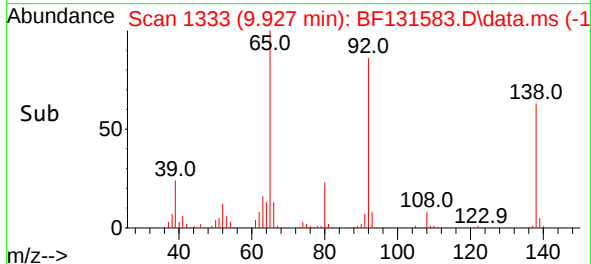
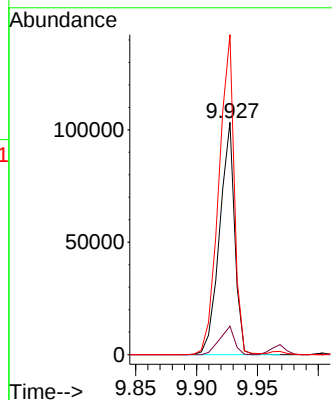
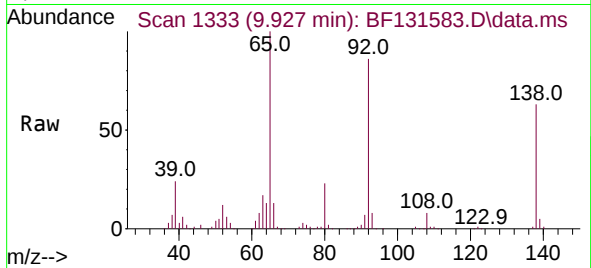
SSTDCCC040

Tgt Ion:138 Resp: 89235
Ion Ratio Lower Upper
138 100
108 12.2 9.6 14.4
92 137.8 113.4 170.0

Manual Integrations

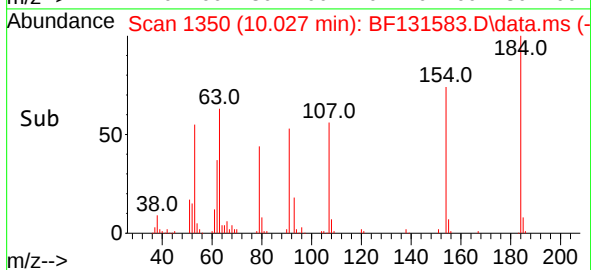
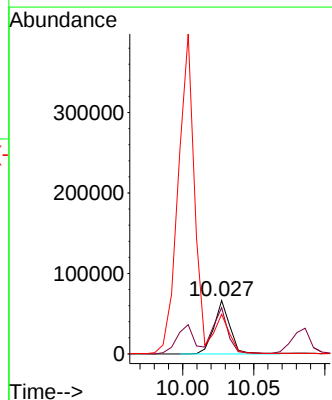
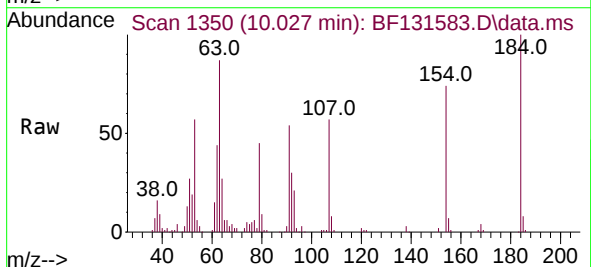
APPROVED

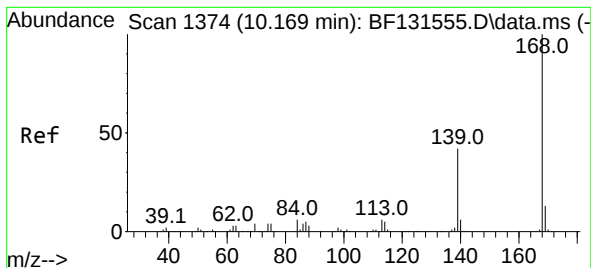
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#54
2,4-Dinitrophenol
Concen: 45.165 ng
RT: 10.027 min Scan# 1350
Delta R.T. 0.005 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

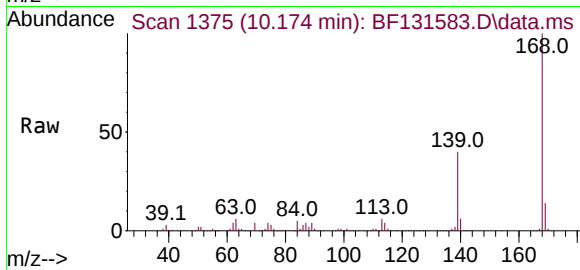
Tgt Ion:184 Resp: 51980
Ion Ratio Lower Upper
184 100
63 86.5 60.7 91.1
154 74.4 59.0 88.6





#55
Dibenzenofuran
Concen: 41.659 ng
RT: 10.174 min Scan# 1374
Delta R.T. 0.006 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

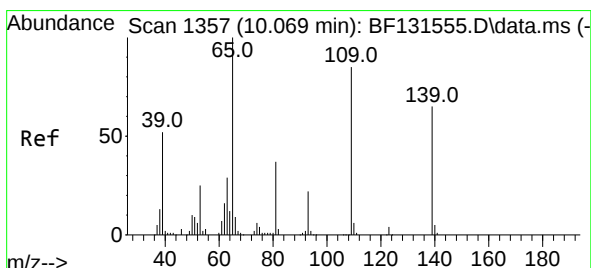
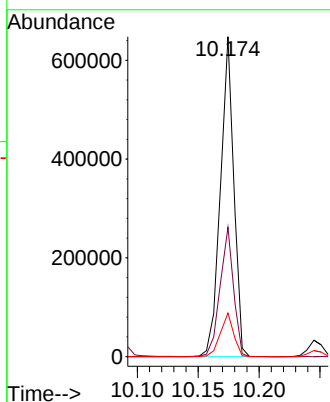
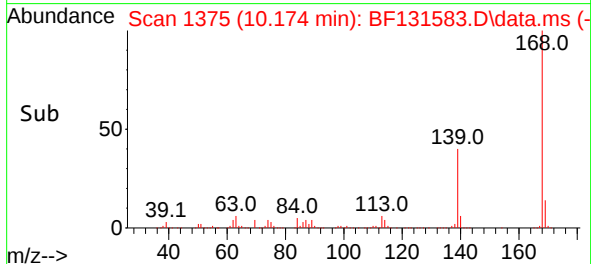
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 497148
Ion Ratio Lower Upper
168 100
139 40.4 33.9 50.9
169 13.7 10.7 16.1

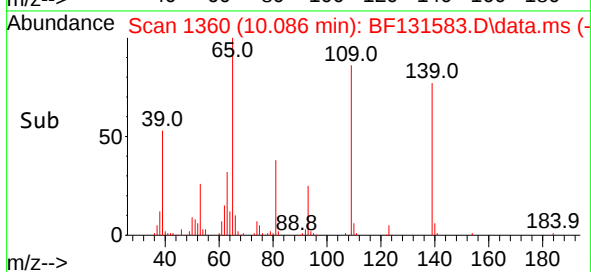
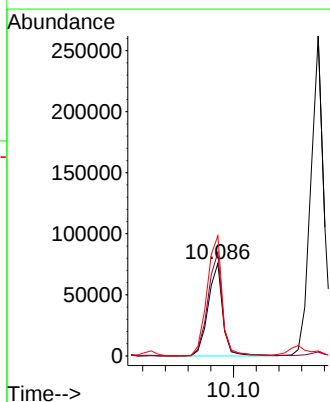
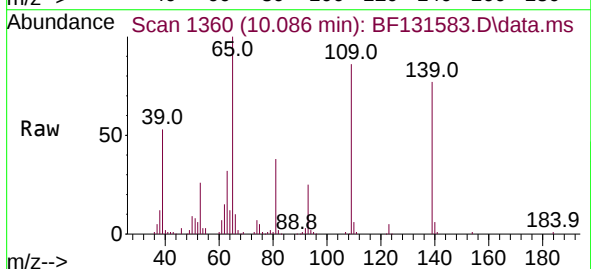
Manual Integrations
APPROVED

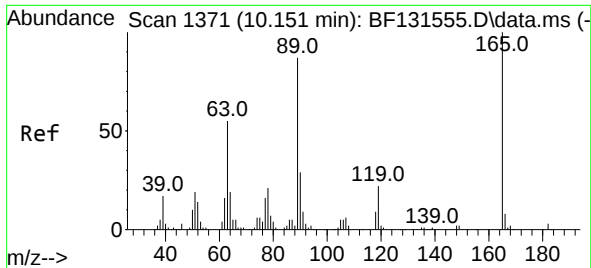
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#56
4-Nitrophenol
Concen: 47.768 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.018 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

Tgt Ion:139 Resp: 66790
Ion Ratio Lower Upper
139 100
109 112.0 110.2 150.2
65 129.8 133.3 173.3#





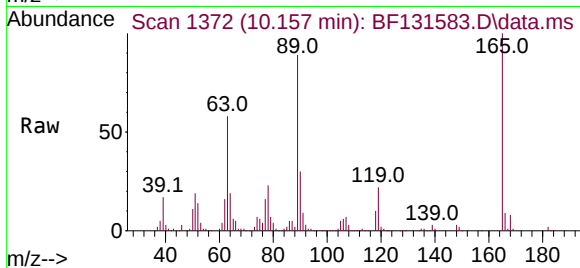
#57
2,4-Dinitrotoluene
Concen: 45.248 ng
RT: 10.157 min Scan# 1371
Delta R.T. 0.006 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

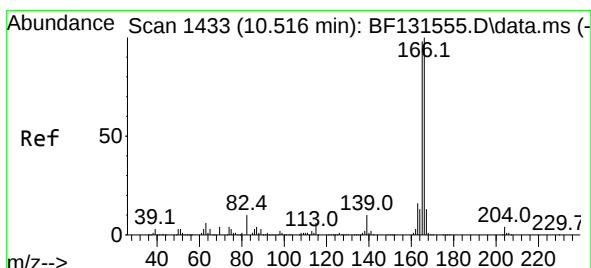
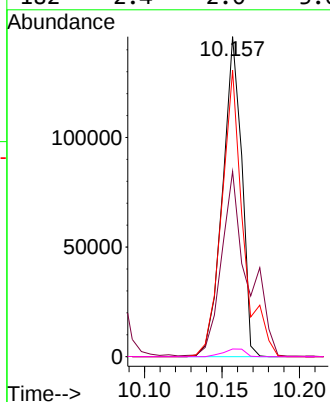
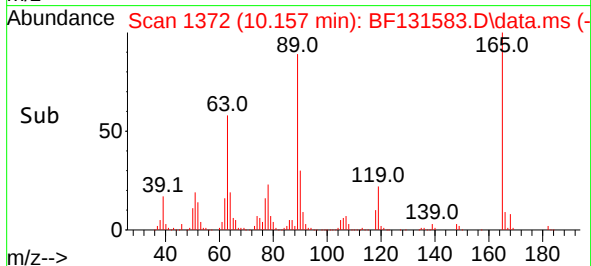


Tgt Ion:165 Resp: 125913
Ion Ratio Lower Upper
165 100
63 57.9 44.4 66.6
89 89.5 69.6 104.4
182 2.4 2.0 3.0

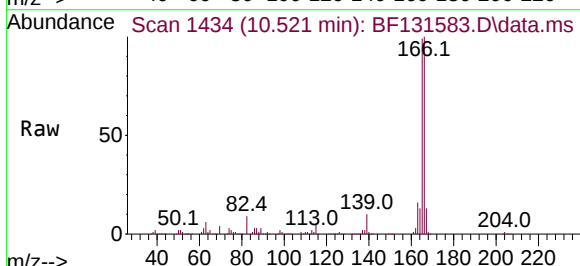
Manual Integrations

APPROVED

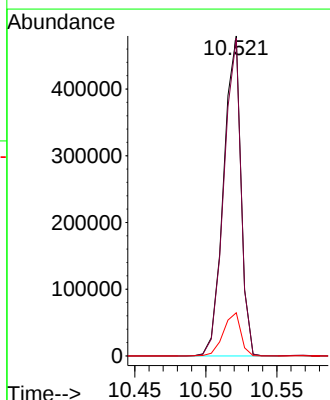
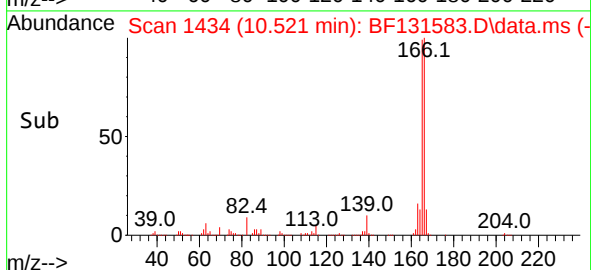
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022

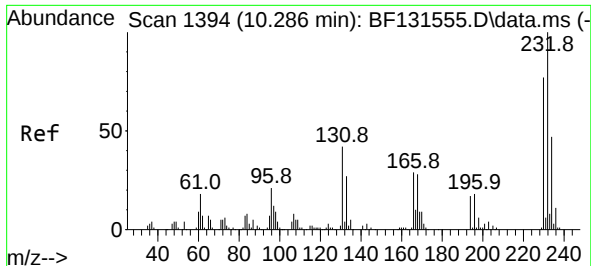


#58
Fluorene
Concen: 41.988 ng
RT: 10.521 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26



Tgt Ion:166 Resp: 407353
Ion Ratio Lower Upper
166 100
165 99.3 78.4 117.6
167 13.5 10.7 16.1





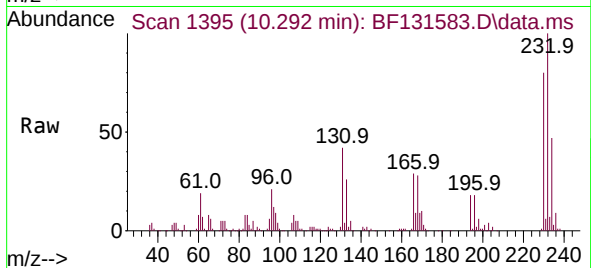
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.092 ng
RT: 10.292 min Scan# 1395
Delta R.T. 0.006 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

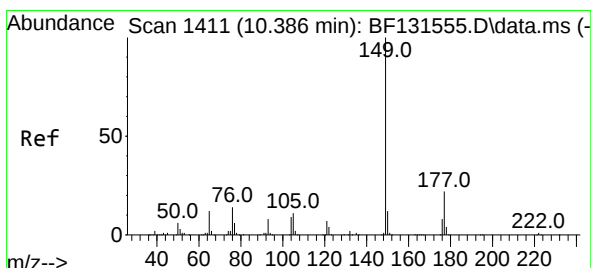
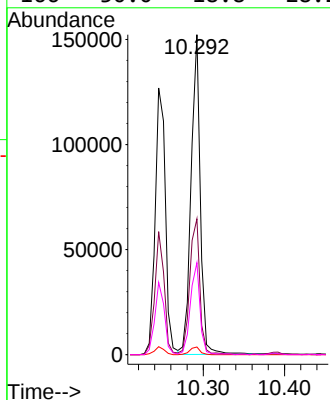
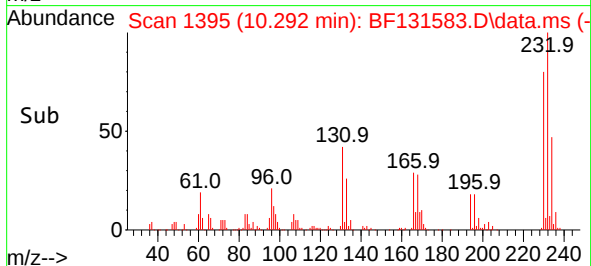


Tgt Ion:232 Resp: 119772
Ion Ratio Lower Upper
232 100
131 46.4 31.0 46.6
130 2.6 1.8 2.8
166 30.0 18.8 28.2#

Manual Integrations

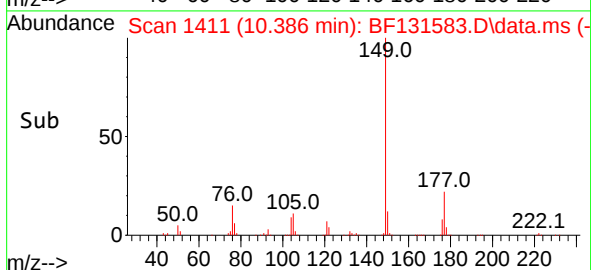
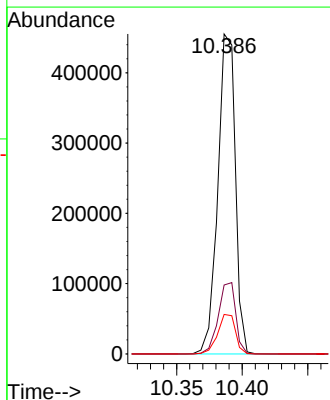
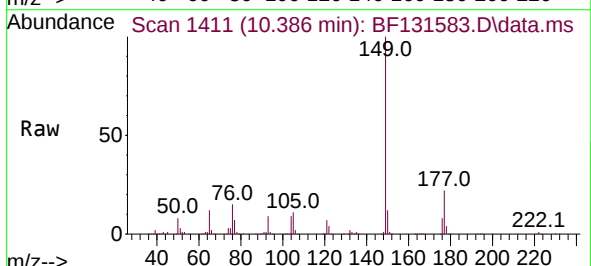
APPROVED

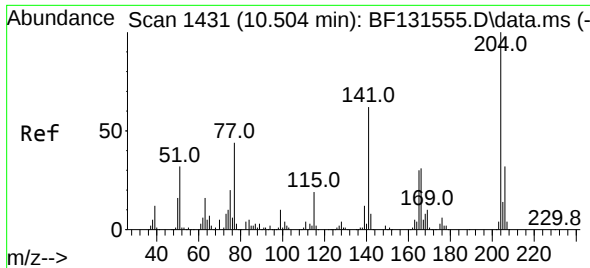
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#60
Diethylphthalate
Concen: 43.547 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

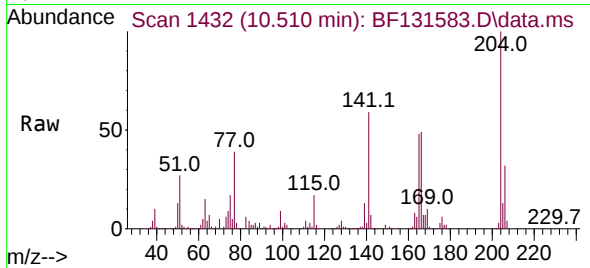
Tgt Ion:149 Resp: 424639
Ion Ratio Lower Upper
149 100
177 21.5 17.4 26.2
150 12.3 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 41.049 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

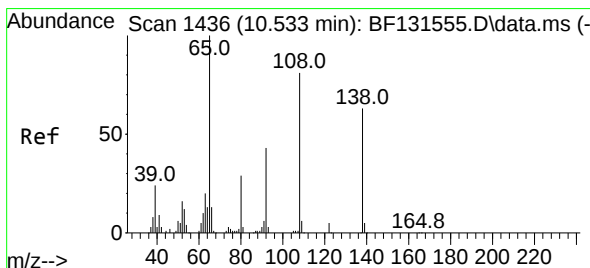
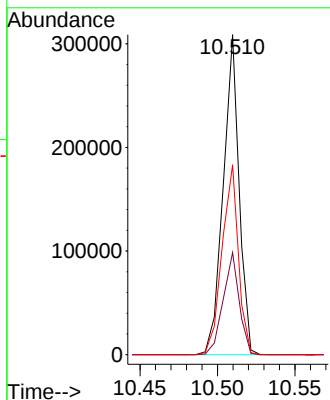
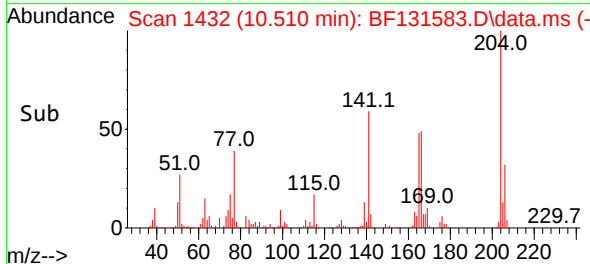
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



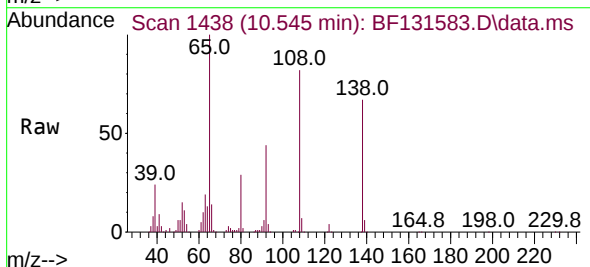
Tgt Ion:204 Resp: 22082
Ion Ratio Lower Upper
204 100
206 31.9 25.4 38.2
141 59.3 49.5 74.3

Manual Integrations
APPROVED

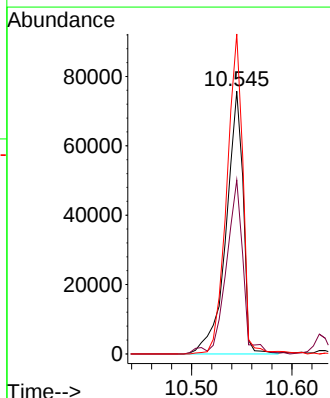
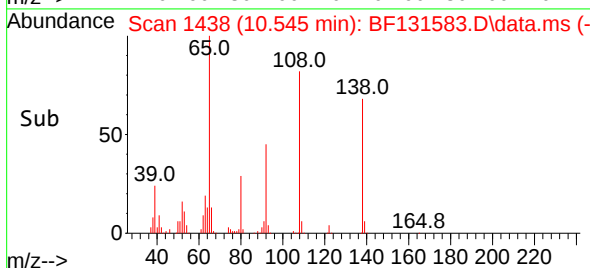
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022

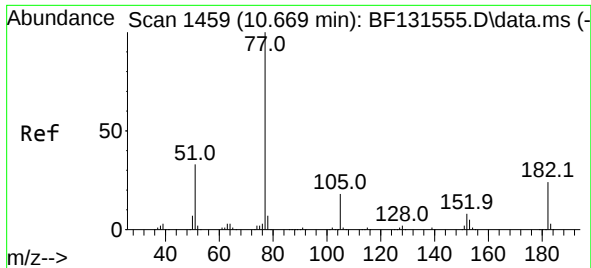


#62
4-Nitroaniline
Concen: 44.633 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.012 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26



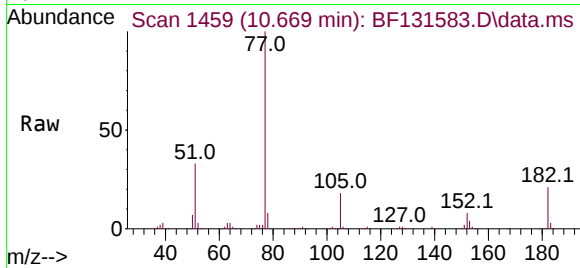
Tgt Ion:138 Resp: 89021
Ion Ratio Lower Upper
138 100
92 66.2 47.5 87.5
108 121.8 108.8 148.8





#63
Azobenzene
Concen: 41.207 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.000 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

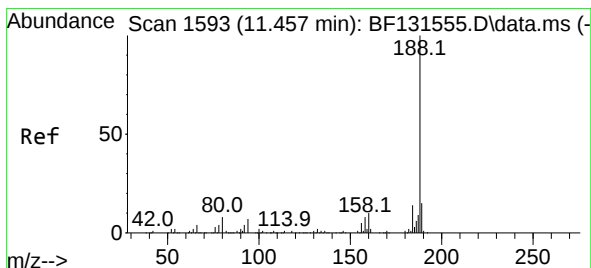
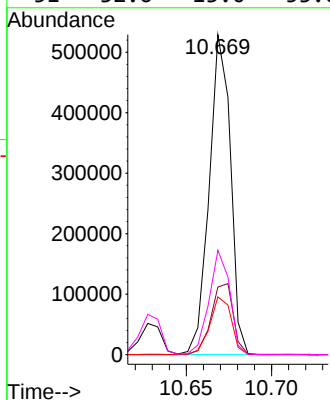
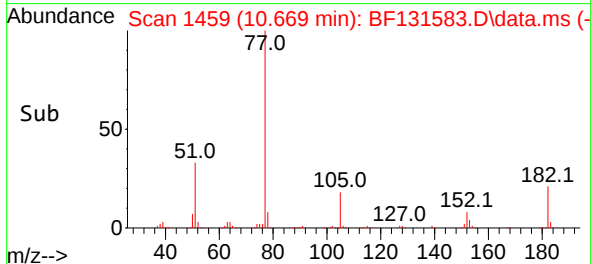
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



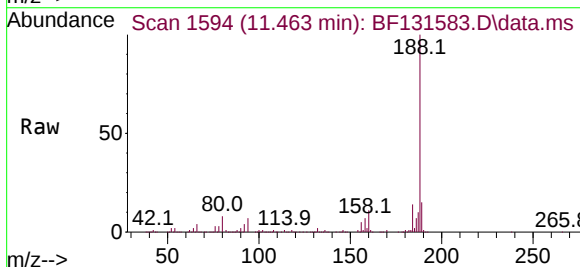
Tgt Ion: 77 Resp: 458298
Ion Ratio Lower Upper
77 100
182 21.2 3.9 43.9
105 18.0 0.0 38.3
51 32.6 13.0 53.0

Manual Integrations
APPROVED

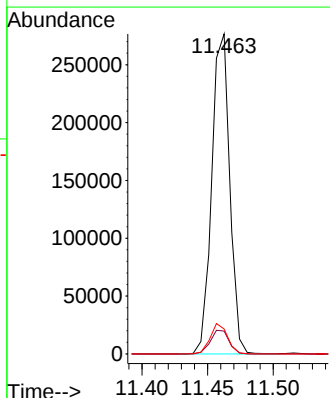
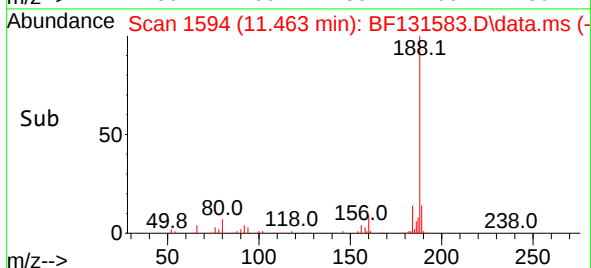
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022

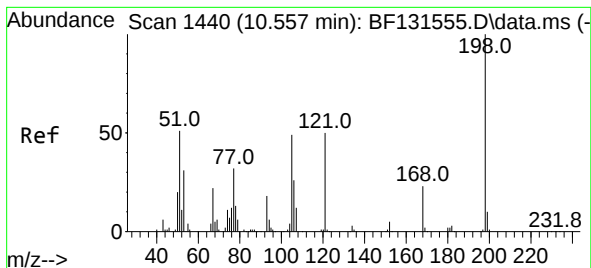


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1594
Delta R.T. 0.006 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26



Tgt Ion:188 Resp: 264759
Ion Ratio Lower Upper
188 100
94 7.1 5.5 8.3
80 7.8 6.6 10.0





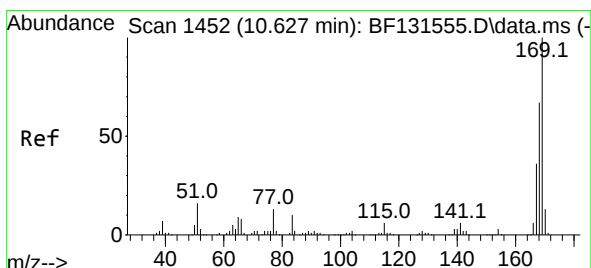
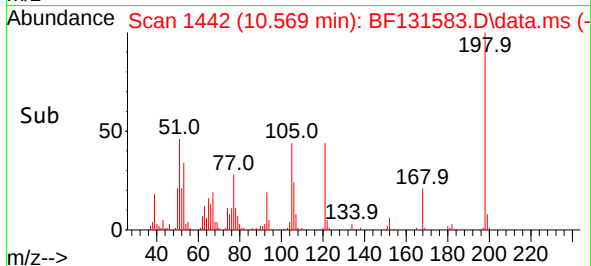
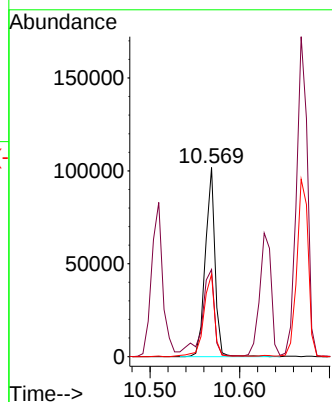
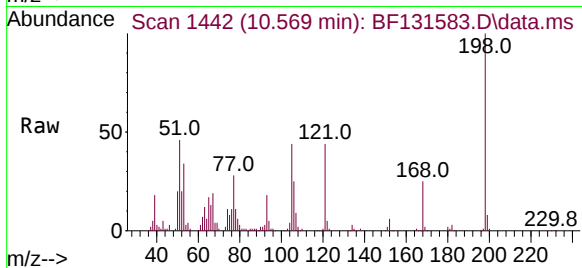
#65
4,6-Dinitro-2-methylphenol
Concen: 45.333 ng
RT: 10.569 min Scan# 1440
Delta R.T. 0.012 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 76019
Ion Ratio Lower Upper
198 100
51 46.1 36.7 76.7
105 43.5 29.9 69.9

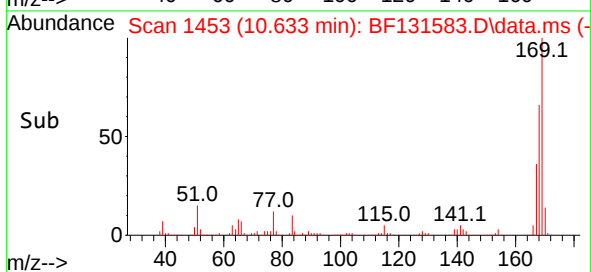
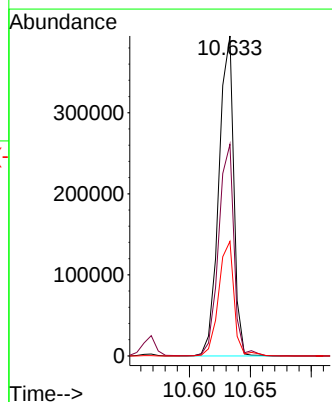
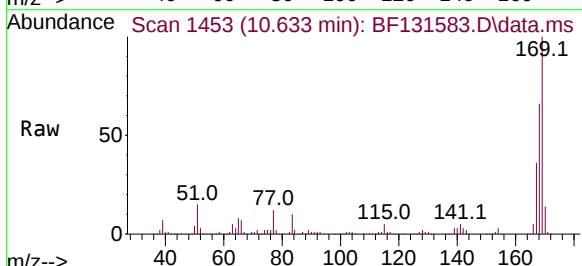
Manual Integrations
APPROVED

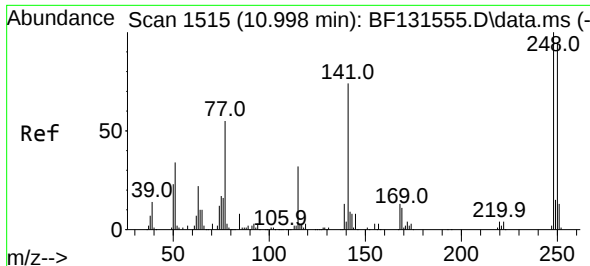
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#66
n-Nitrosodiphenylamine
Concen: 39.108 ng
RT: 10.633 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

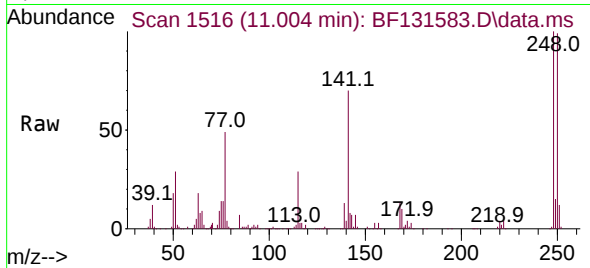
Tgt Ion:169 Resp: 334745
Ion Ratio Lower Upper
169 100
168 66.1 53.8 80.6
167 35.8 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 39.071 ng
RT: 11.004 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

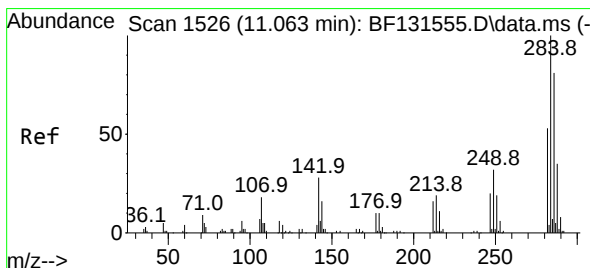
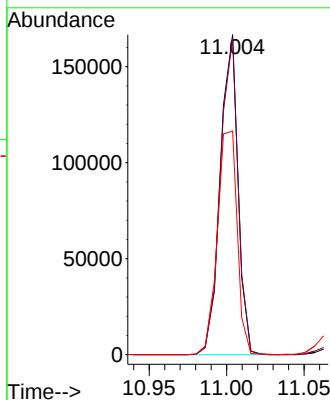
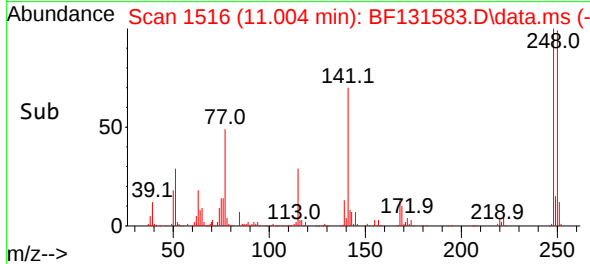
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



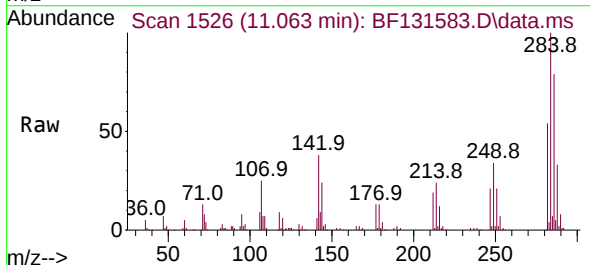
Tgt Ion:248 Resp: 133072
Ion Ratio Lower Upper
248 100
250 99.0 76.2 114.2
141 69.9 59.5 89.3

Manual Integrations
APPROVED

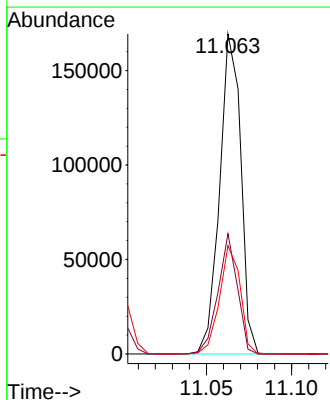
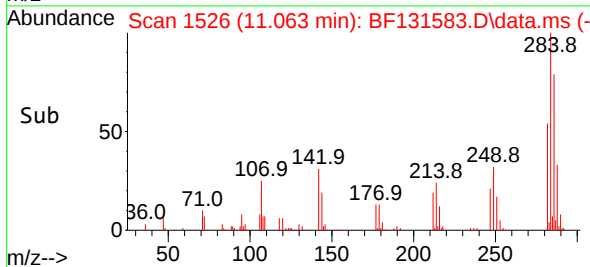
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022

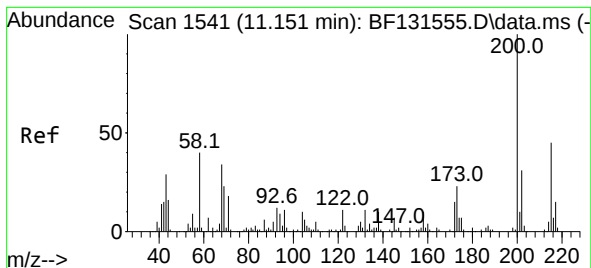


#68
Hexachlorobenzene
Concen: 39.639 ng
RT: 11.063 min Scan# 1526
Delta R.T. -0.000 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26



Tgt Ion:284 Resp: 146031
Ion Ratio Lower Upper
284 100
142 37.6 22.3 33.5#
249 33.8 25.4 38.2





#69

Atrazine

Concen: 45.473 ng

RT: 11.157 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF131583.D

Acq: 10 Dec 2022 11:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 123600

Ion Ratio Lower Upper

200 100

173 23.9 3.4 43.4

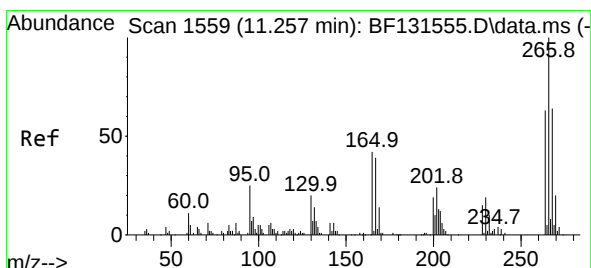
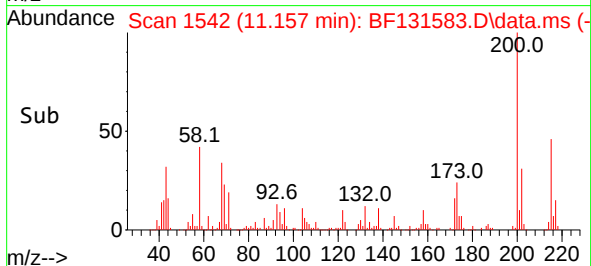
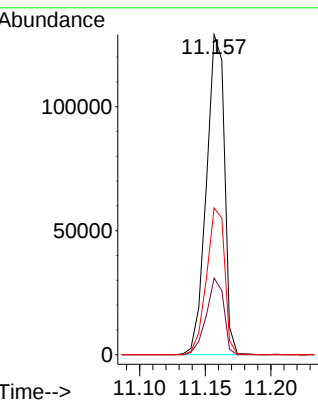
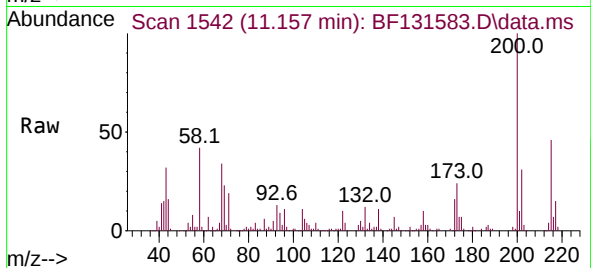
215 45.8 25.0 65.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/12/2022

Supervised By :Jagrut Upadhyay 12/12/2022



#70

Pentachlorophenol

Concen: 42.934 ng

RT: 11.263 min Scan# 1560

Delta R.T. 0.006 min

Lab File: BF131583.D

Acq: 10 Dec 2022 11:26

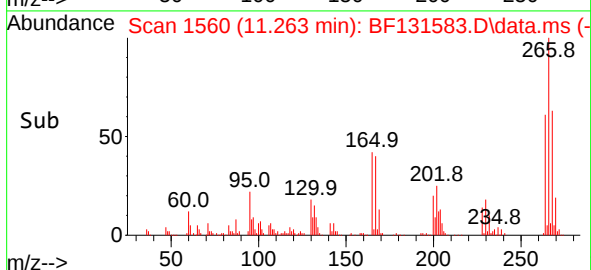
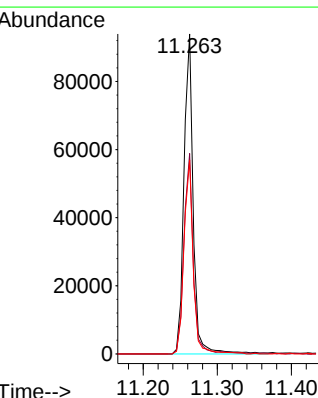
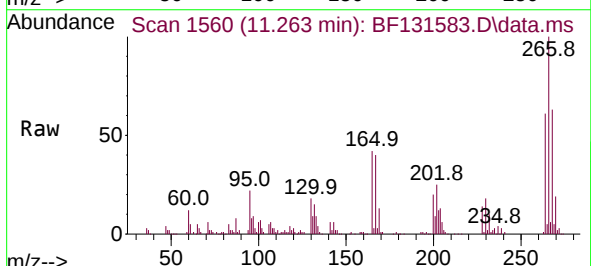
Tgt Ion:266 Resp: 81428

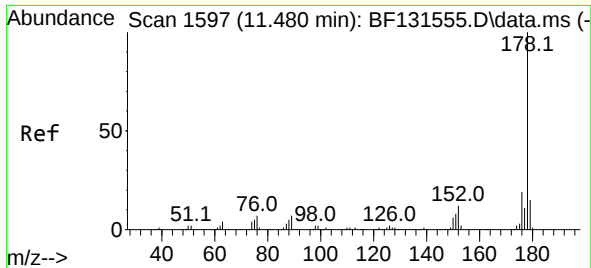
Ion Ratio Lower Upper

266 100

268 62.6 51.5 77.3

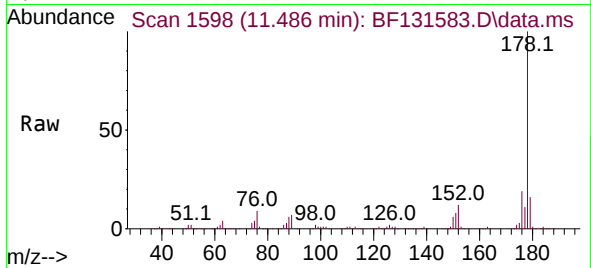
264 60.6 50.7 76.1





#71
Phenanthrene
Concen: 40.805 ng
RT: 11.486 min Scan# 1148
Delta R.T. 0.006 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

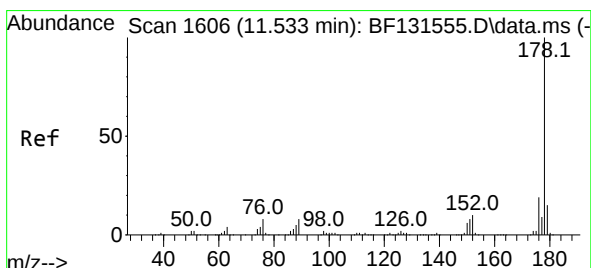
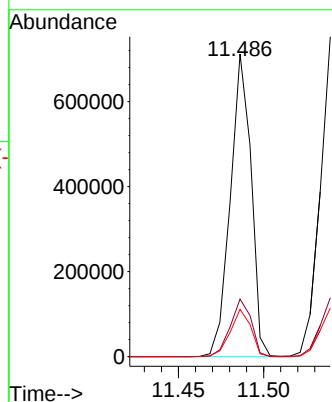
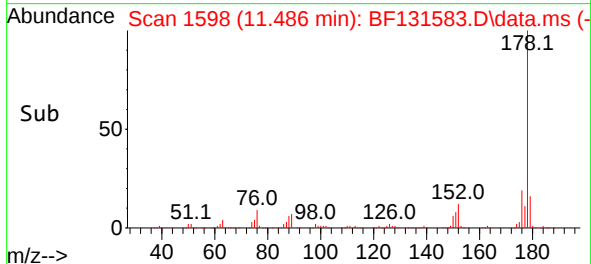
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



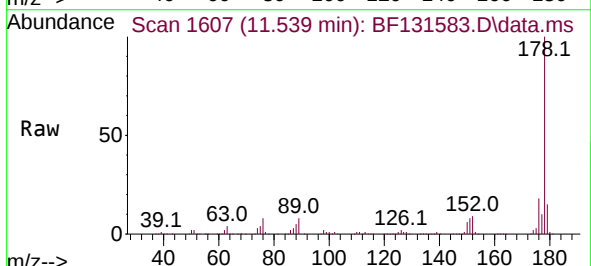
Tgt Ion:178 Resp: 602180
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.6 12.2 18.4

Manual Integrations
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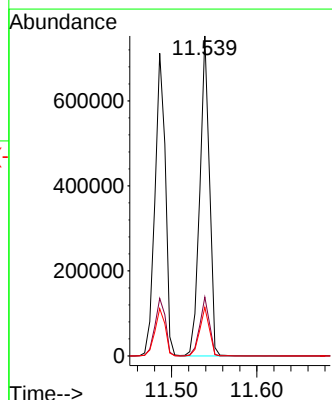
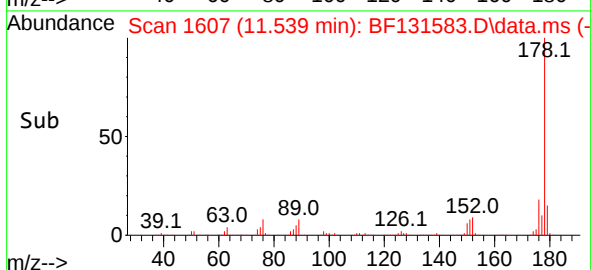
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022

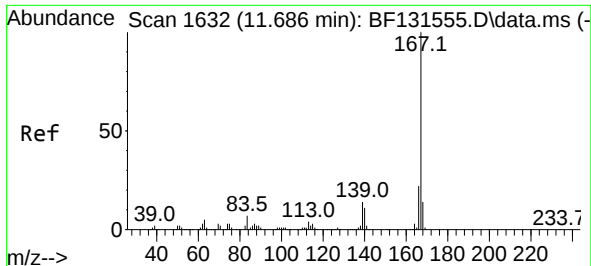


#72
Anthracene
Concen: 40.971 ng
RT: 11.539 min Scan# 1607
Delta R.T. 0.006 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26



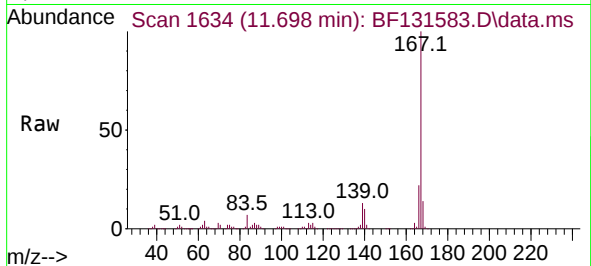
Tgt Ion:178 Resp: 588242
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.6
179 15.2 12.3 18.5





#73
 Carbazole
 Concen: 42.448 ng
 RT: 11.698 min Scan# 1634
 Delta R.T. 0.012 min
 Lab File: BF131583.D
 Acq: 10 Dec 2022 11:26

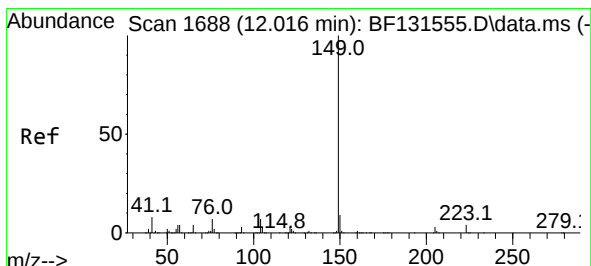
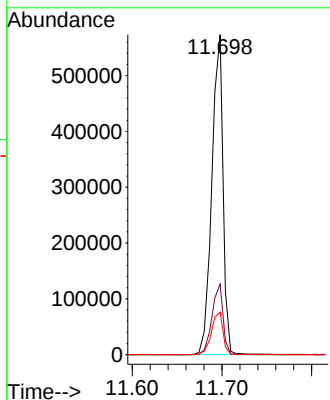
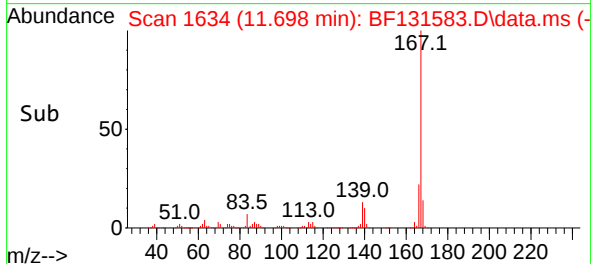
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



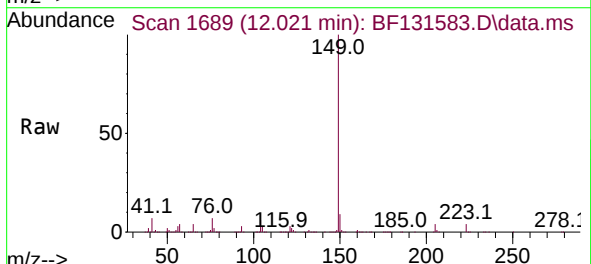
Tgt Ion:167 Resp: 497463
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 13.3 11.0 16.4

Manual Integrations
 APPROVED

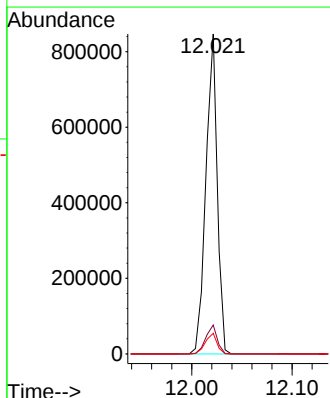
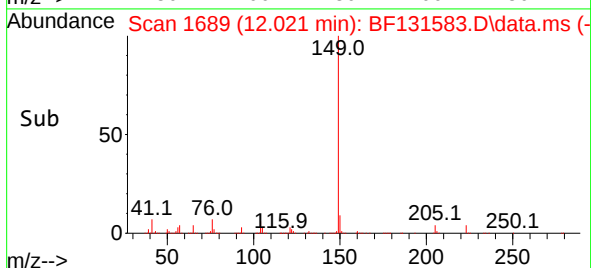
Reviewed By :Christian Giraldo 12/12/2022
 Supervised By :Jagrut Upadhyay 12/12/2022

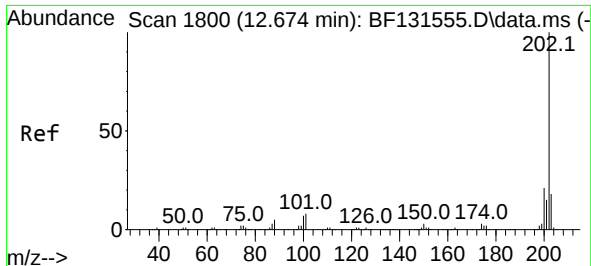


#74
 Di-n-butylphthalate
 Concen: 46.079 ng
 RT: 12.021 min Scan# 1689
 Delta R.T. 0.006 min
 Lab File: BF131583.D
 Acq: 10 Dec 2022 11:26



Tgt Ion:149 Resp: 662491
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 6.4 5.2 7.8





#75
Fluoranthene
Concen: 45.025 ng
RT: 12.680 min Scan# 1800
Delta R.T. 0.006 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

Instrument :

BNA_F

ClientSampleId :

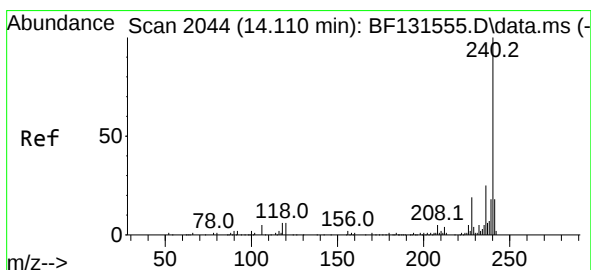
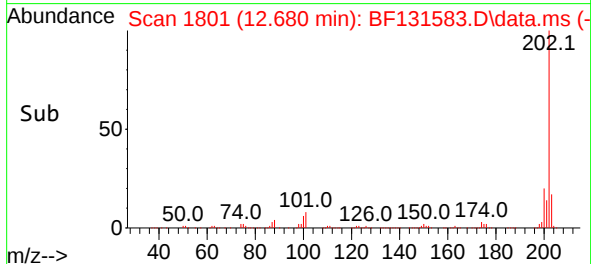
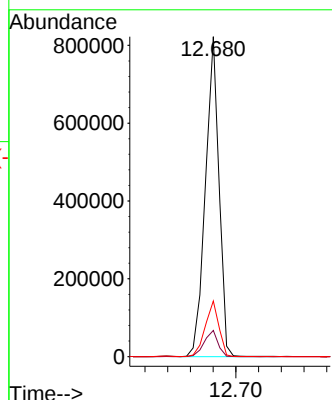
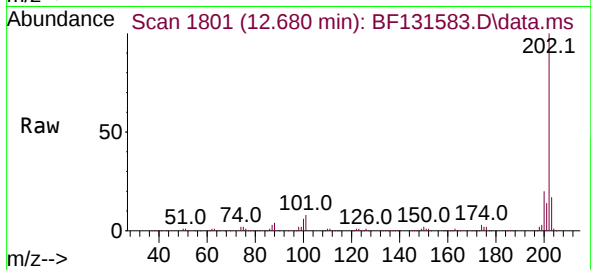
SSTDCCC040

Tgt Ion:202 Resp: 684209
Ion Ratio Lower Upper
202 100
101 8.2 0.0 27.7
203 17.4 0.0 37.7

Manual Integrations

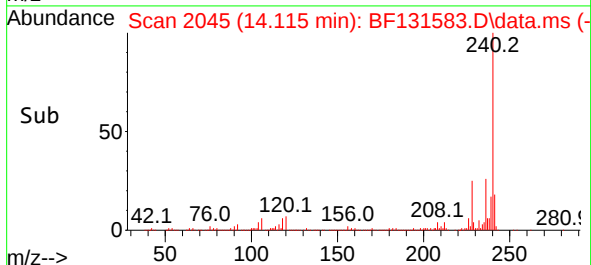
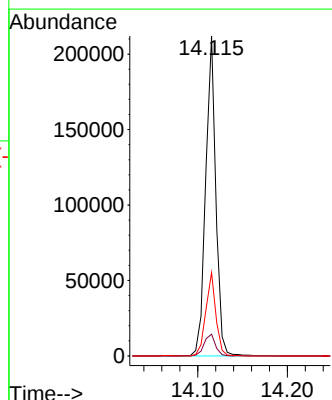
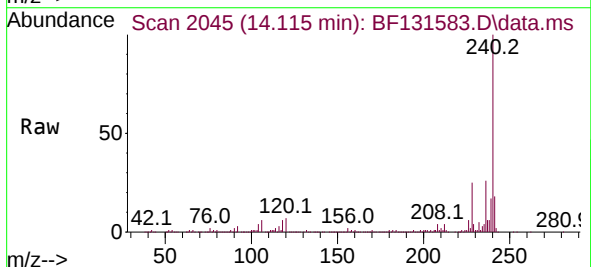
APPROVED

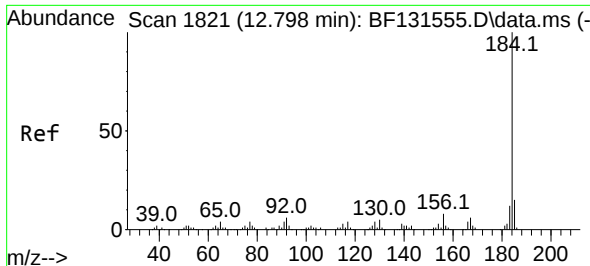
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.115 min Scan# 2045
Delta R.T. 0.005 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

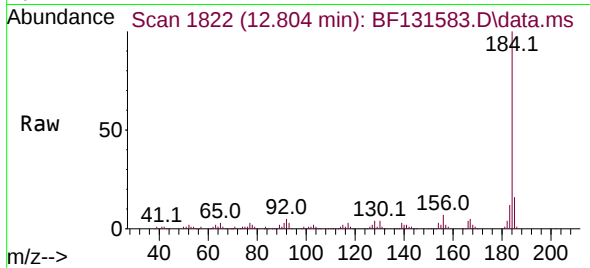
Tgt Ion:240 Resp: 167008
Ion Ratio Lower Upper
240 100
120 6.8 4.6 7.0
236 26.0 20.2 30.2





#77
Benzidine
Concen: 28.925 ng
RT: 12.804 min Scan# 1821
Delta R.T. 0.006 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

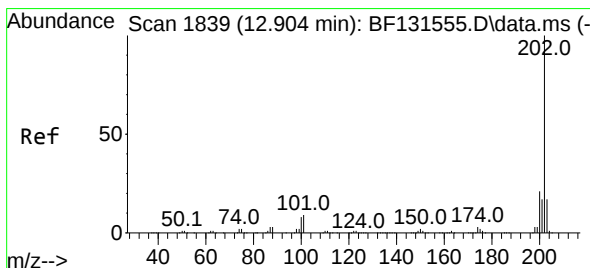
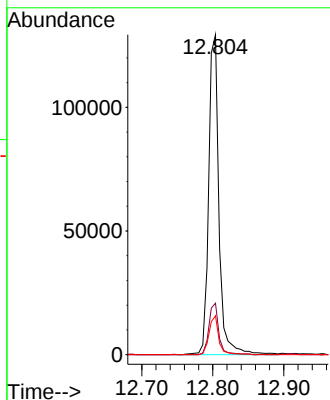
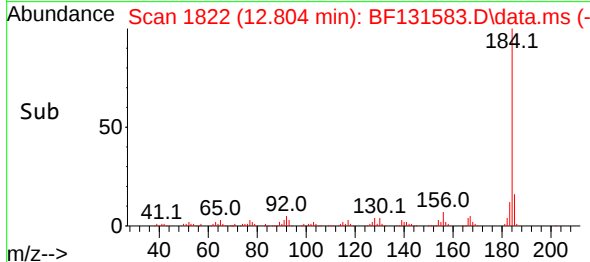
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



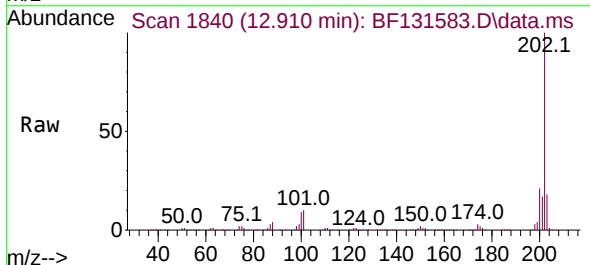
Tgt Ion:184 Resp: 129433
Ion Ratio Lower Upper
184 100
185 16.1 12.2 18.2
183 12.1 9.3 13.9

Manual Integrations
APPROVED

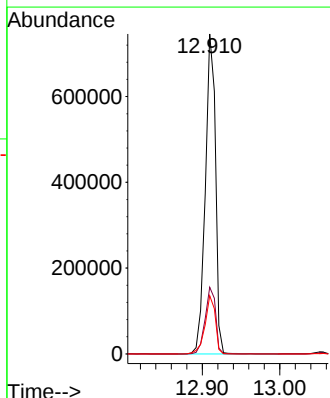
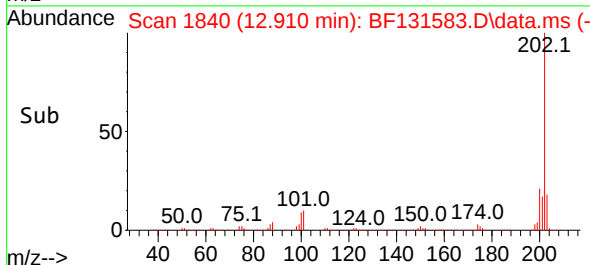
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022

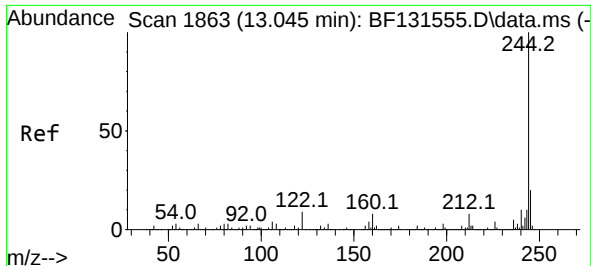


#78
Pyrene
Concen: 41.267 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.006 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26



Tgt Ion:202 Resp: 679580
Ion Ratio Lower Upper
202 100
200 20.8 16.7 25.1
203 18.2 13.8 20.6





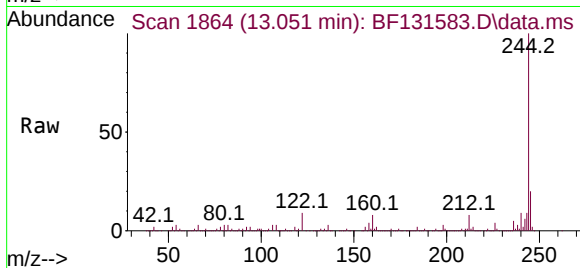
#79
 Terphenyl-d14
 Concen: 84.510 ng
 RT: 13.051 min Scan# 1864
 Delta R.T. 0.006 min
 Lab File: BF131583.D
 Acq: 10 Dec 2022 11:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

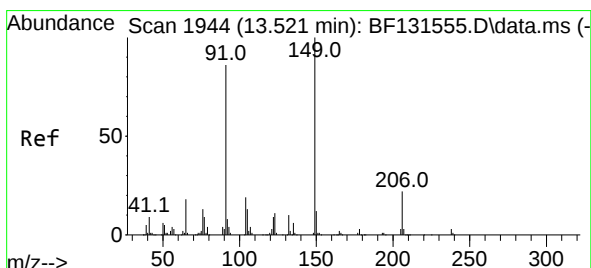
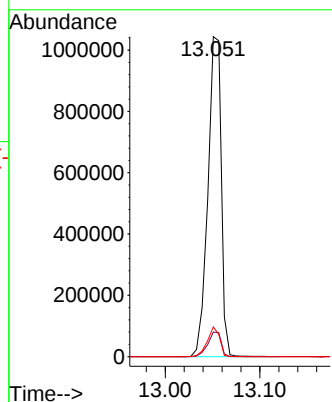
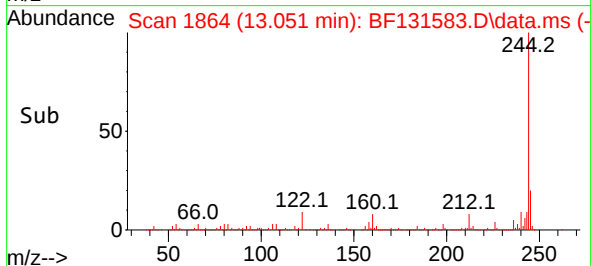


Tgt Ion:244 Resp: 1029159
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 9.3 7.1 10.7

Manual Integrations

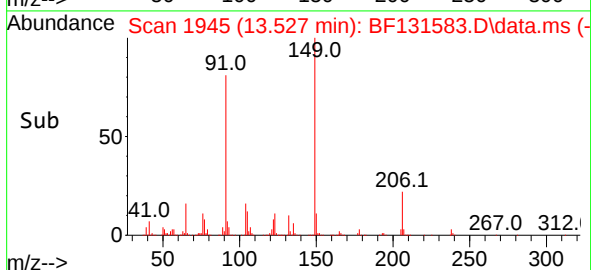
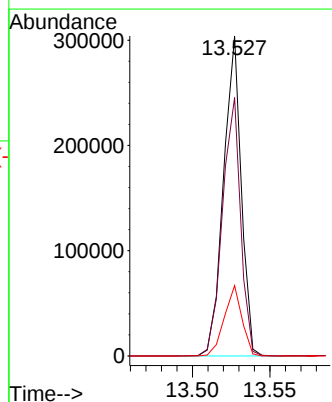
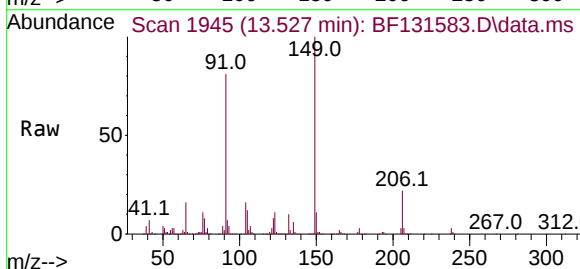
APPROVED

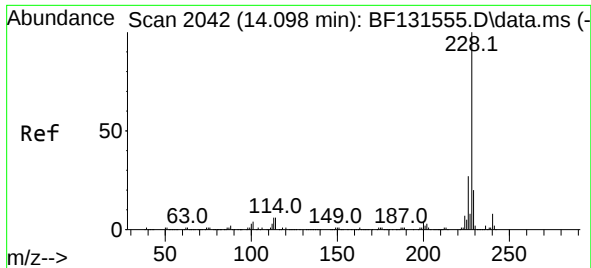
Reviewed By :Christian Giraldo 12/12/2022
 Supervised By :Jagrut Upadhyay 12/12/2022



#80
 Butylbenzylphthalate
 Concen: 50.784 ng
 RT: 13.527 min Scan# 1945
 Delta R.T. 0.006 min
 Lab File: BF131583.D
 Acq: 10 Dec 2022 11:26

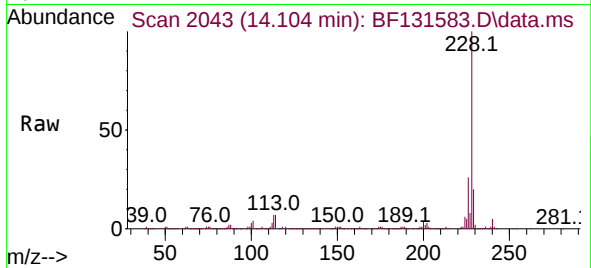
Tgt Ion:149 Resp: 242020
 Ion Ratio Lower Upper
 149 100
 91 80.7 69.0 103.4
 206 22.0 17.8 26.8





#81
Benzo(a)anthracene
Concen: 42.830 ng
RT: 14.104 min Scan# 2042
Delta R.T. 0.006 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

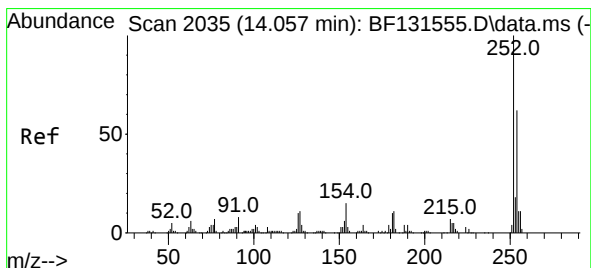
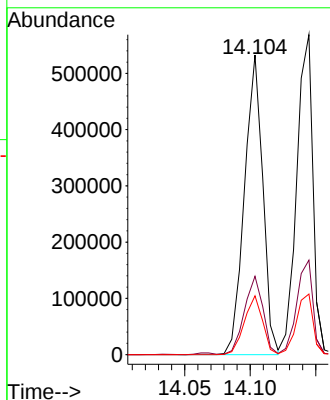
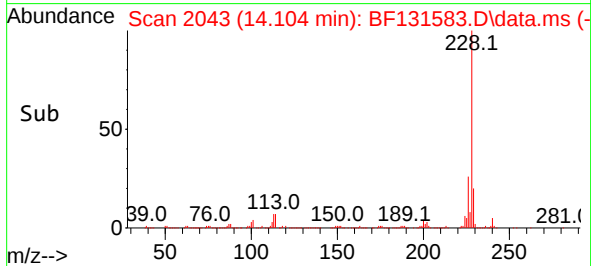
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



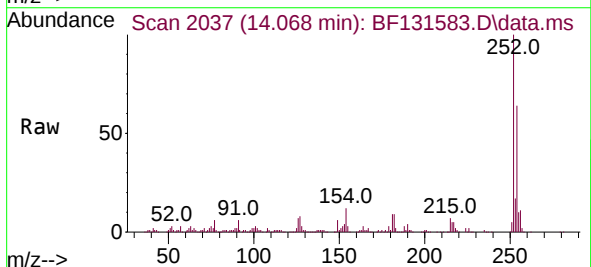
Tgt Ion:228 Resp: 516558
Ion Ratio Lower Upper
228 100
226 26.1 21.5 32.3
229 19.6 15.8 23.6

Manual Integrations
APPROVED

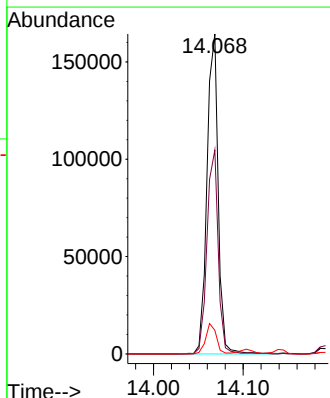
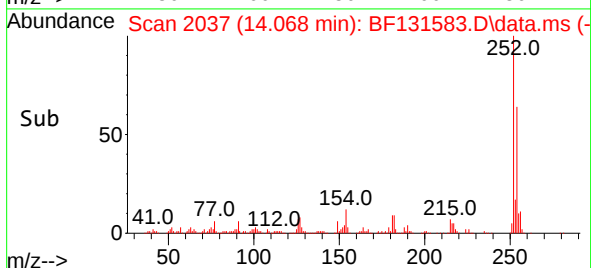
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022

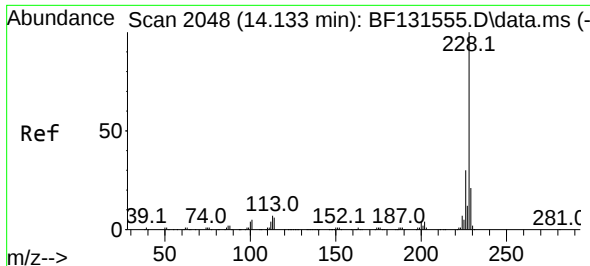


#82
3,3'-Dichlorobenzidine
Concen: 41.353 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.012 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26



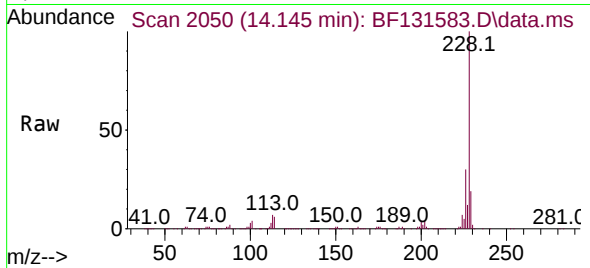
Tgt Ion:252 Resp: 141899
Ion Ratio Lower Upper
252 100
254 63.7 49.6 74.4
126 7.4 7.9 11.9#





#83
Chrysene
Concen: 42.763 ng
RT: 14.145 min Scan# 2048
Delta R.T. 0.012 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

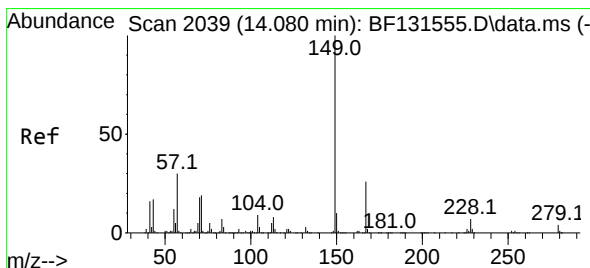
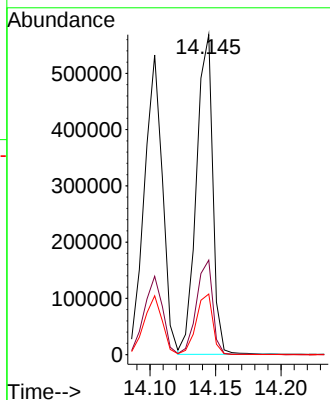
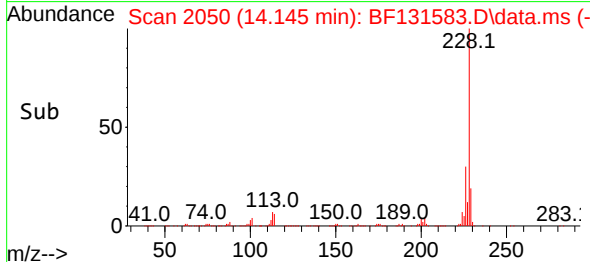
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:228 Resp: 490327
Ion Ratio Lower Upper
228 100
226 29.5 23.9 35.9
229 18.9 16.7 25.1

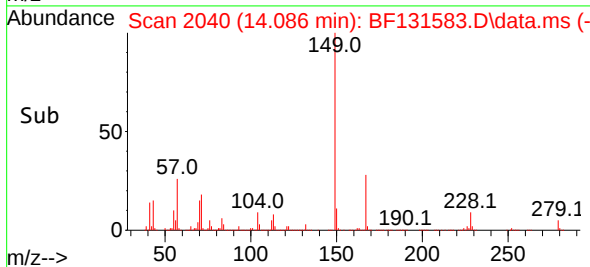
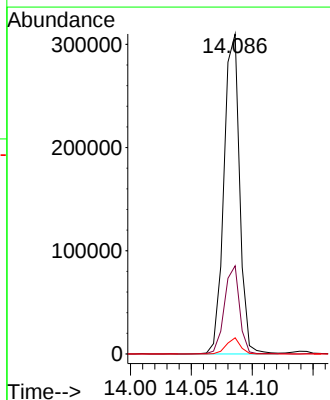
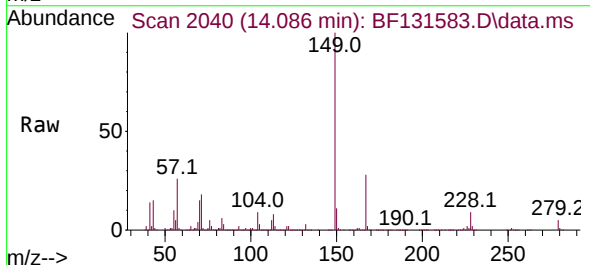
Manual Integrations
APPROVED

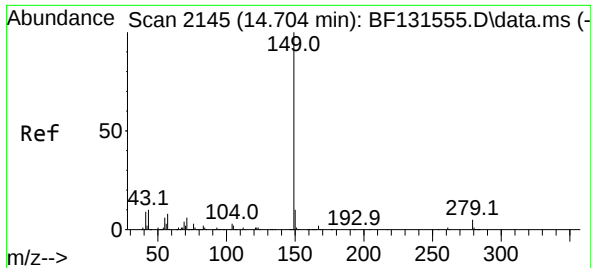
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.177 ng
RT: 14.086 min Scan# 2040
Delta R.T. 0.006 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

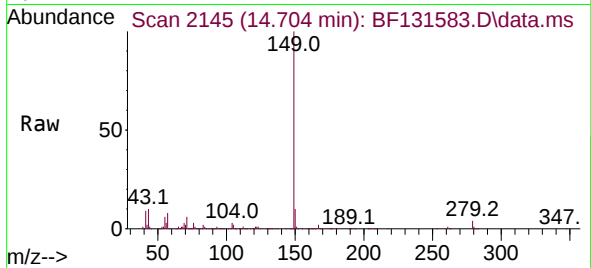
Tgt Ion:149 Resp: 278212
Ion Ratio Lower Upper
149 100
167 27.5 20.8 31.2
279 5.0 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 36.475 ng
RT: 14.704 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

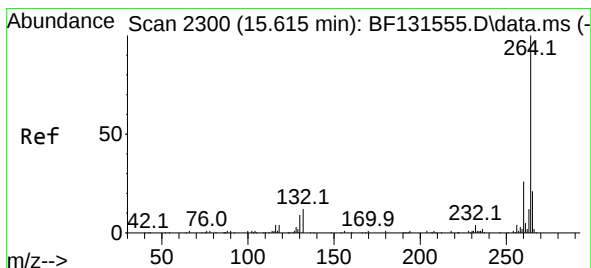
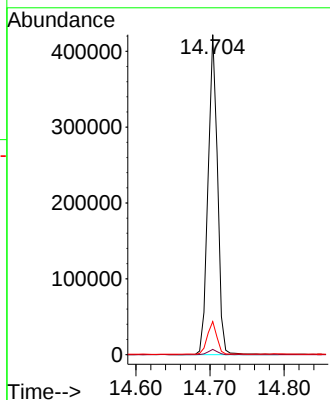
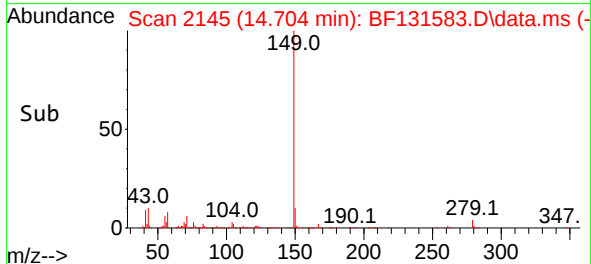
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



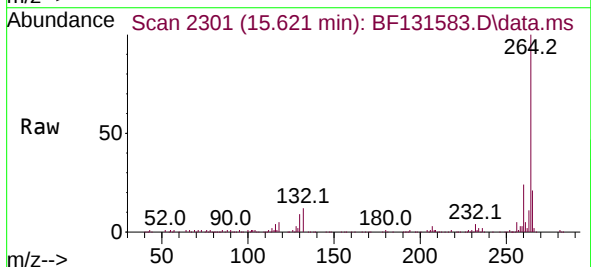
Tgt Ion:149 Resp: 373082
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.5 8.6 13.0

Manual Integrations
APPROVED

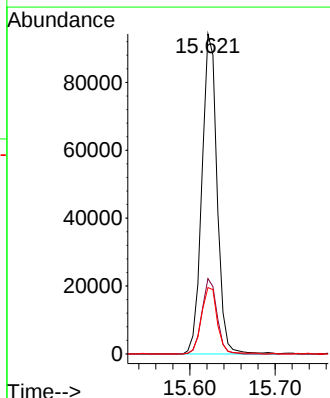
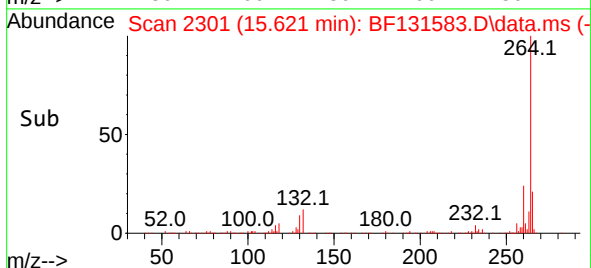
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022

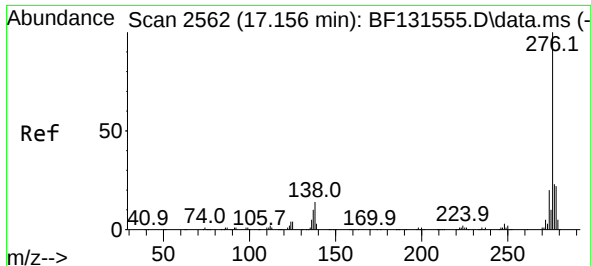


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 2301
Delta R.T. 0.006 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26



Tgt Ion:264 Resp: 116304
Ion Ratio Lower Upper
264 100
260 23.5 20.6 30.8
265 20.7 16.8 25.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 37.888 ng
RT: 17.174 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

Instrument :

BNA_F

ClientSampleId :

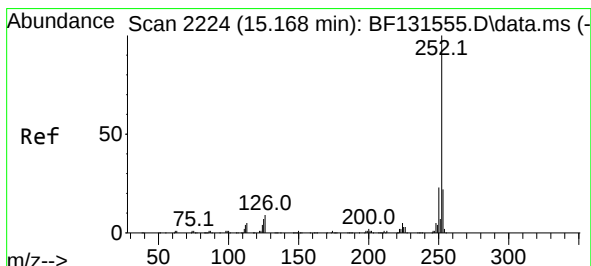
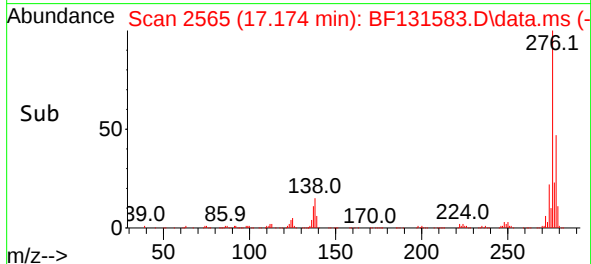
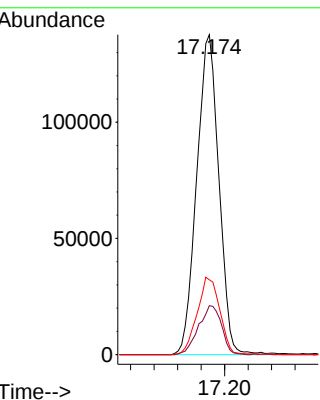
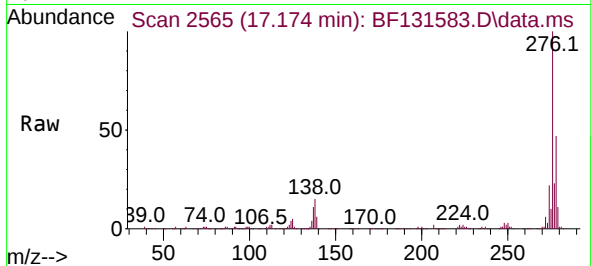
SSTDCCC040

Tgt Ion:276 Resp: 359622
Ion Ratio Lower Upper
276 100
138 15.9 12.7 19.1
277 24.8 20.0 30.0

Manual Integrations

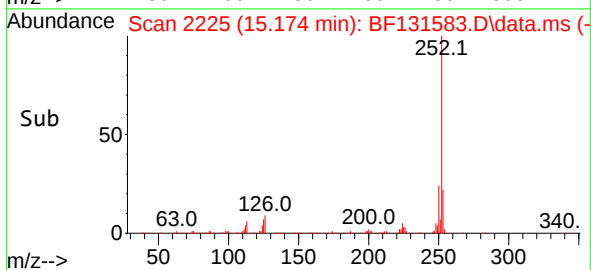
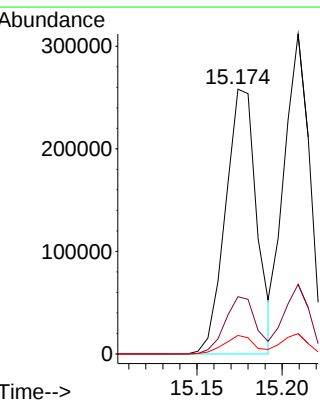
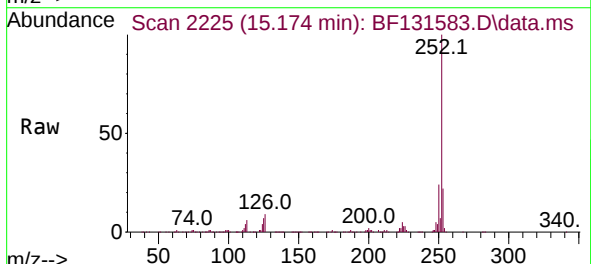
APPROVED

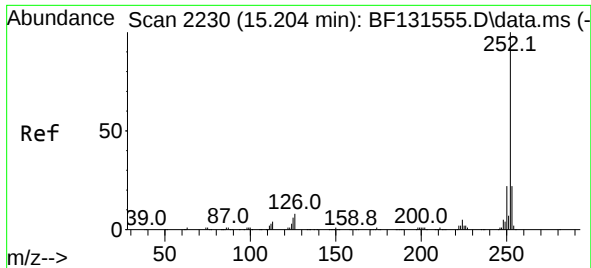
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#88
Benzo(b)fluoranthene
Concen: 42.957 ng
RT: 15.174 min Scan# 2225
Delta R.T. 0.006 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

Tgt Ion:252 Resp: 329285
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 7.0 5.6 8.4





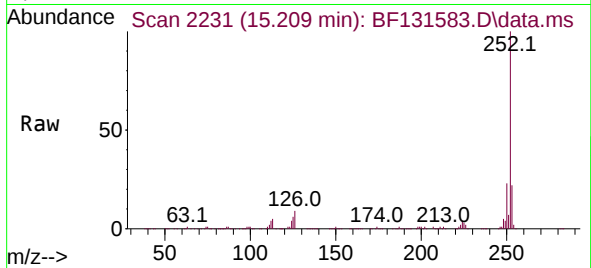
#89
Benzo(k)fluoranthene
Concen: 41.495 ng
RT: 15.209 min Scan# 2219
Delta R.T. 0.006 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

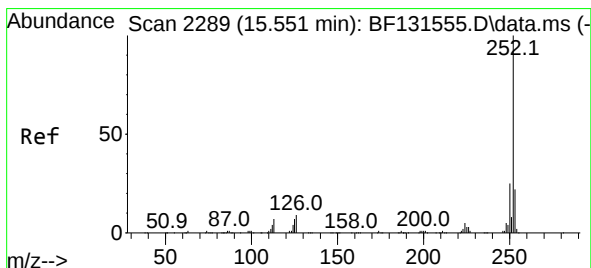
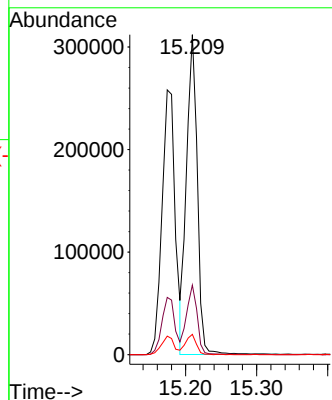
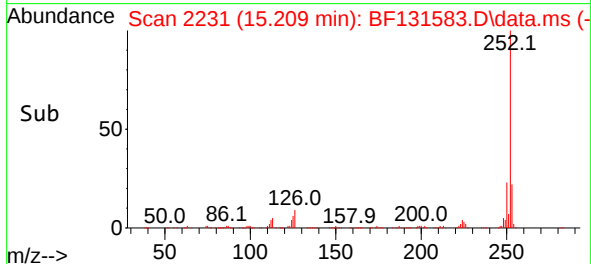


Tgt Ion:252 Resp: 331995
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 6.3 4.9 7.3

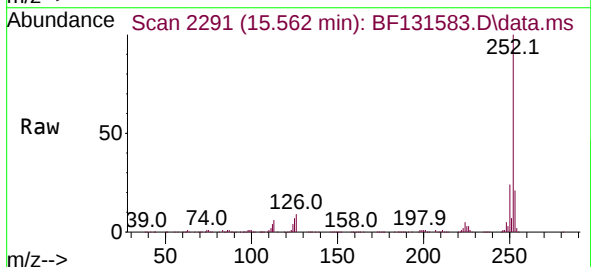
Manual Integrations

APPROVED

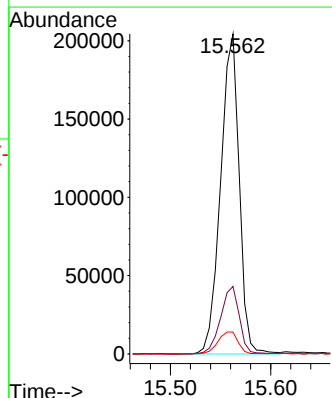
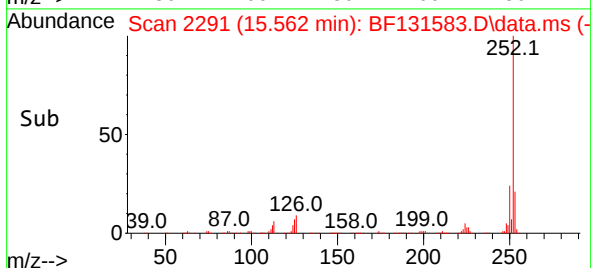
Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022

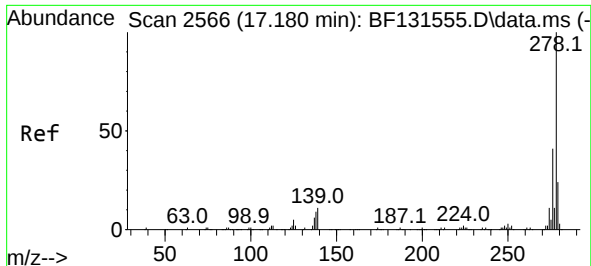


#90
Benzo(a)pyrene
Concen: 40.278 ng
RT: 15.562 min Scan# 2291
Delta R.T. 0.012 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26



Tgt Ion:252 Resp: 263487
Ion Ratio Lower Upper
252 100
253 21.1 17.5 26.3
125 6.8 5.6 8.4





#91
Dibenzo(a,h)anthracene
Concen: 38.477 ng
RT: 17.192 min Scan# 2566
Delta R.T. 0.012 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

Instrument :

BNA_F

ClientSampleId :

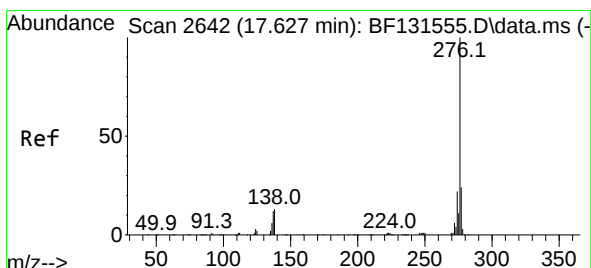
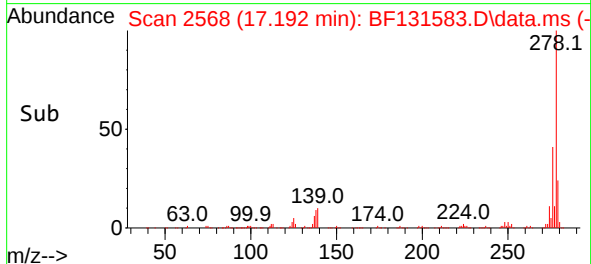
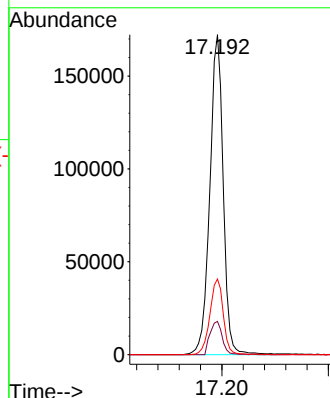
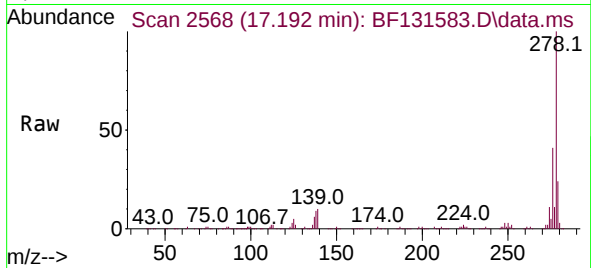
SSTDCCC040

Tgt Ion:278 Resp: 300574
Ion Ratio Lower Upper
278 100
139 10.4 8.9 13.3
279 23.6 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/12/2022
Supervised By :Jagrut Upadhyay 12/12/2022



#92
Benzo(g,h,i)perylene
Concen: 37.758 ng
RT: 17.645 min Scan# 2645
Delta R.T. 0.018 min
Lab File: BF131583.D
Acq: 10 Dec 2022 11:26

Tgt Ion:276 Resp: 296440
Ion Ratio Lower Upper
276 100
277 23.3 19.0 28.6
138 12.5 10.7 16.1

