

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
 Data File : BF131589.D
 Acq On : 12 Dec 2022 12:52
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/13/2022
 Supervised By : Jagrut Upadhyay 12/13/2022

Quant Time: Dec 13 04:13:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 13 04:12:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	60615	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	196103	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	114272	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	220520	20.000	ng	0.00
76) Chrysene-d12	14.104	240	144087	20.000	ng	# 0.00
86) Perylene-d12	15.615	264	114232	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	286475	78.845	ng	0.00
7) Phenol-d6	6.528	99	371623	78.051	ng	0.00
23) Nitrobenzene-d5	7.469	82	402403	77.579	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	107471	84.650	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	704712	77.758	ng	0.00
79) Terphenyl-d14	13.045	244	819416	77.991	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.652	88	64598	39.389	ng	98
3) Pyridine	3.410	79	187415	41.160	ng	96
4) n-Nitrosodimethylamine	3.381	42	90588	36.074	ng	# 90
6) Aniline	6.563	93	222720	39.113	ng	98
8) 2-Chlorophenol	6.681	128	149697	38.878	ng	96
9) Benzaldehyde	6.445	77	111278	34.116	ng	98
10) Phenol	6.545	94	214537m	40.396	ng	
11) bis(2-Chloroethyl)ether	6.634	93	148470	37.294	ng	96
12) 1,3-Dichlorobenzene	6.834	146	170743	38.248	ng	99
13) 1,4-Dichlorobenzene	6.916	146	175205	38.910	ng	97
14) 1,2-Dichlorobenzene	7.069	146	162502	37.779	ng	96
15) Benzyl Alcohol	7.039	79	161899	37.090	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	178202	34.653	ng	98
17) 2-Methylphenol	7.151	107	134374	38.723	ng	98
18) Hexachloroethane	7.410	117	67907	37.385	ng	94
19) n-Nitroso-di-n-propyla...	7.316	70	127628	35.748	ng	95
20) 3+4-Methylphenols	7.310	107	183648	38.855	ng	# 78
22) Acetophenone	7.310	105	241289	39.263	ng	95
24) Nitrobenzene	7.487	77	200597	38.344	ng	94
25) Isophorone	7.722	82	316914	37.931	ng	99
26) 2-Nitrophenol	7.798	139	76770	43.032	ng	97
27) 2,4-Dimethylphenol	7.839	122	112578	41.170	ng	96
28) bis(2-Chloroethoxy)met...	7.934	93	168173	38.910	ng	99
29) 2,4-Dichlorophenol	8.045	162	134522	39.787	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	160512	38.711	ng	98
31) Naphthalene	8.210	128	439109	39.756	ng	100
32) Benzoic acid	7.963	122	92663	46.791	ng	97
33) 4-Chloroaniline	8.257	127	168311	40.654	ng	99
34) Hexachlorobutadiene	8.322	225	108891	37.263	ng	98
35) Caprolactam	8.645	113	39118	44.725	ng	91
36) 4-Chloro-3-methylphenol	8.745	107	153666	40.474	ng	99
37) 2-Methylnaphthalene	8.904	142	294877	39.038	ng	100
38) 1-Methylnaphthalene	9.004	142	289452	39.918	ng	98
40) 1,2,4,5-Tetrachloroben...	9.069	216	167455	39.586	ng	98
41) Hexachlorocyclopentadiene	9.051	237	73940	34.437	ng	99
43) 2,4,6-Trichlorophenol	9.181	196	108499	41.468	ng	98

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Quant Time: Dec 13 04:13:22 2022
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 13 04:12:13 2022
 Response via : Initial Calibration

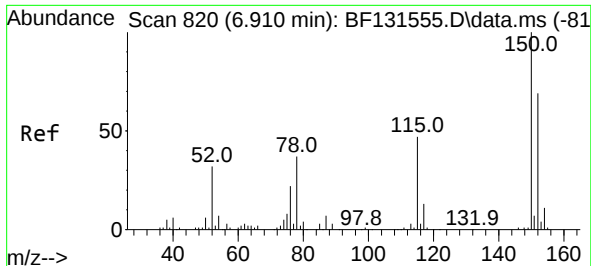
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	116639	41.452	ng	99
46) 1,1'-Biphenyl	9.369	154	364493	40.343	ng	99
47) 2-Chloronaphthalene	9.398	162	296473	40.275	ng	99
48) 2-Nitroaniline	9.498	65	109158	41.861	ng	89
49) Acenaphthylene	9.816	152	445215	41.192	ng	100
50) Dimethylphthalate	9.675	163	352155	40.426	ng	99
51) 2,6-Dinitrotoluene	9.739	165	76316	42.436	ng	86
52) Acenaphthene	9.986	154	299993m	41.432	ng	
53) 3-Nitroaniline	9.916	138	76239	44.184	ng	96
54) 2,4-Dinitrophenol	10.016	184	39361	40.372	ng	97
55) Dibenzofuran	10.163	168	413899	40.457	ng	97
56) 4-Nitrophenol	10.075	139	58464	48.774	ng	# 82
57) 2,4-Dinitrotoluene	10.145	165	106160	44.500	ng	94
58) Fluorene	10.504	166	340253	40.910	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.280	232	97245m	40.812	ng	
60) Diethylphthalate	10.380	149	329388	39.403	ng	99
61) 4-Chlorophenyl-phenyle...	10.498	204	177180	38.549	ng	96
62) 4-Nitroaniline	10.533	138	80593	47.134	ng	90
63) Azobenzene	10.657	77	361283	37.892	ng	97
65) 4,6-Dinitro-2-methylph...	10.557	198	60859	43.573	ng	79
66) n-Nitrosodiphenylamine	10.622	169	282675	39.650	ng	97
67) 4-Bromophenyl-phenylether	10.992	248	105578	37.217	ng	95
68) Hexachlorobenzene	11.051	284	117816	38.395	ng	# 90
69) Atrazine	11.145	200	95128	42.019	ng	97
70) Pentachlorophenol	11.251	266	62357	39.474	ng	100
71) Phenanthrene	11.475	178	498593	40.564	ng	99
72) Anthracene	11.527	178	493686	41.283	ng	99
73) Carbazole	11.686	167	432336	44.292	ng	99
74) Di-n-butylphthalate	12.010	149	487354	40.697	ng	100
75) Fluoranthene	12.669	202	573609	45.319	ng	98
77) Benzidine	12.792	184	118774	30.765	ng	99
78) Pyrene	12.898	202	571611	40.232	ng	98
80) Butylbenzylphthalate	13.521	149	189720	46.142	ng	94
81) Benzo(a)anthracene	14.092	228	450655	43.310	ng	100
82) 3,3'-Dichlorobenzidine	14.057	252	120091	40.565	ng	96
83) Chrysene	14.133	228	421177	42.576	ng	97
84) Bis(2-ethylhexyl)phtha...	14.080	149	223550	40.421	ng	100
85) Di-n-octyl phthalate	14.698	149	289008	33.283	ng	98
87) Indeno(1,2,3-cd)pyrene	17.156	276	345315	37.041	ng	99
88) Benzo(b)fluoranthene	15.168	252	326680	43.390	ng	100
89) Benzo(k)fluoranthene	15.204	252	304957	38.807	ng	100
90) Benzo(a)pyrene	15.551	252	256850	39.976	ng	99
91) Dibenzo(a,h)anthracene	17.174	278	278356	36.279	ng	99
92) Benzo(g,h,i)perylene	17.627	276	283056	36.707	ng	99

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

Manual Integrations

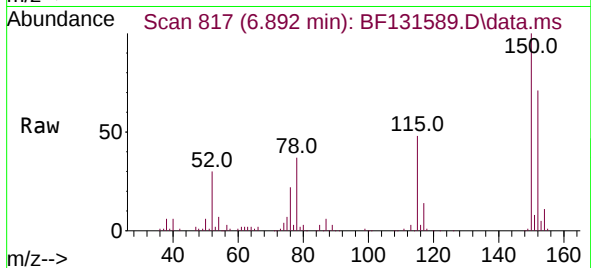
Quant Time: Dec 13 04:13:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 13 04:12:13 2022
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

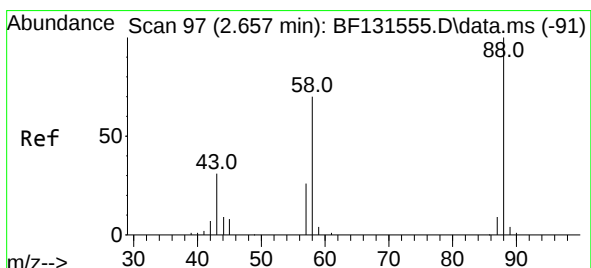
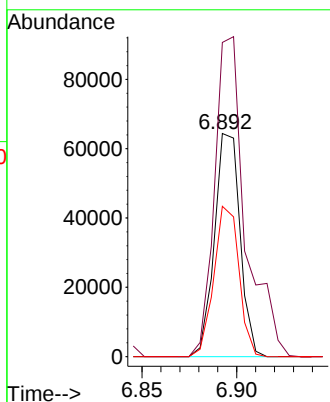
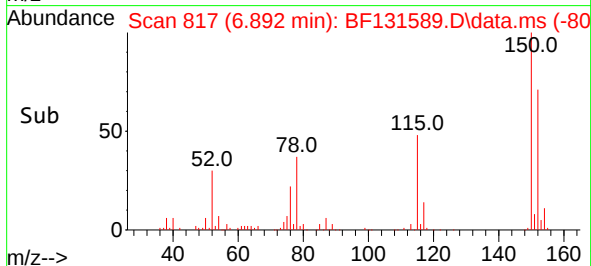
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:152 Resp: 60615
Ion Ratio Lower Upper
152 100
150 140.8 116.7 175.1
115 67.4 54.6 82.0

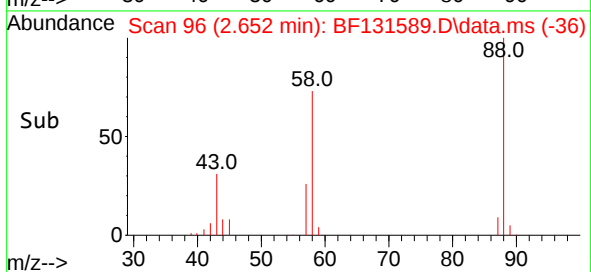
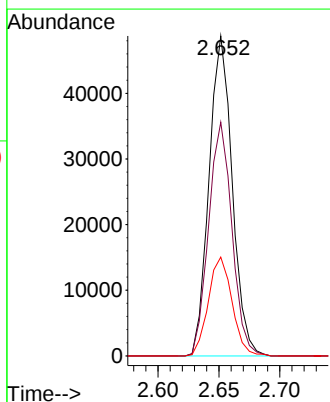
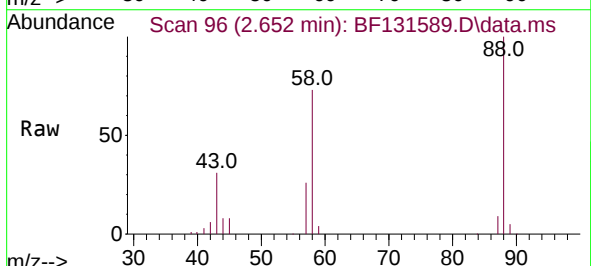
Manual Integrations
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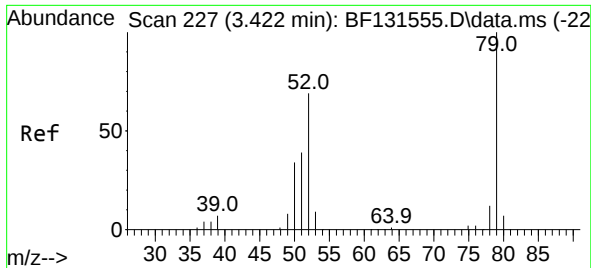
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#2
1,4-Dioxane
Concen: 39.389 ng
RT: 2.652 min Scan# 96
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

Tgt Ion: 88 Resp: 64598
Ion Ratio Lower Upper
88 100
58 73.6 60.0 90.0
43 31.7 26.7 40.1





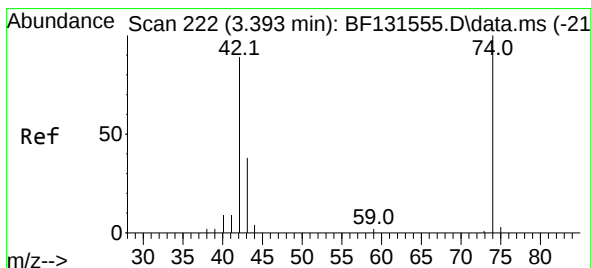
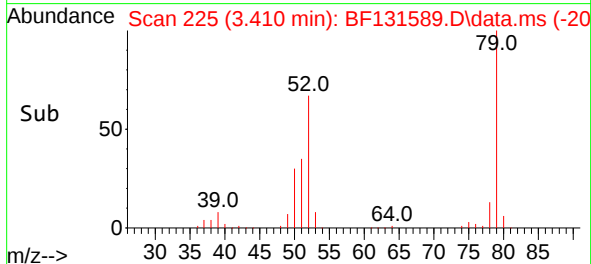
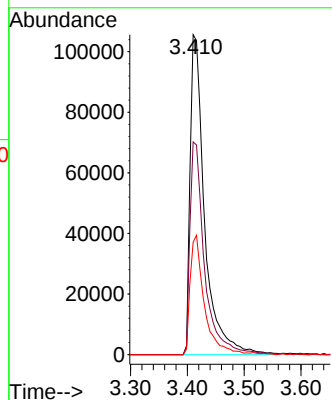
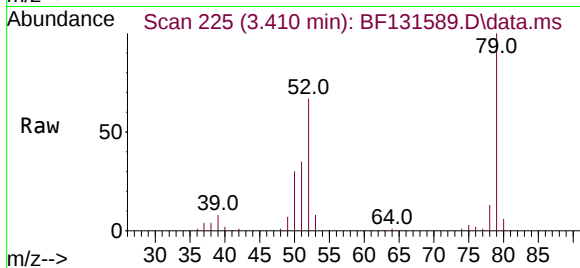
#3
Pyridine
Concen: 41.160 ng
RT: 3.410 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 187415
Ion Ratio Lower Upper
79 100
52 66.5 55.0 82.6
51 35.1 31.4 47.2

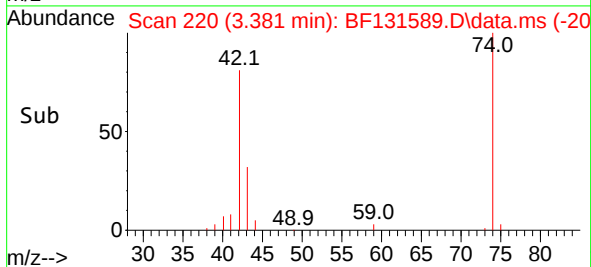
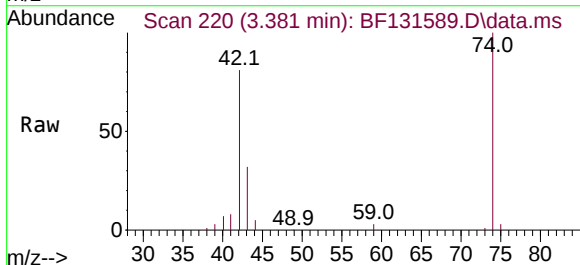
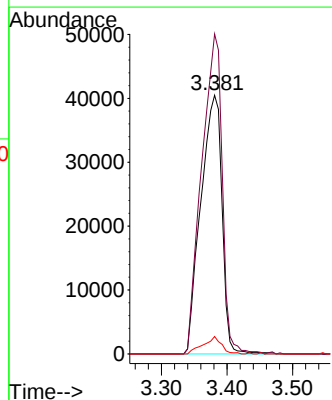
Manual Integrations
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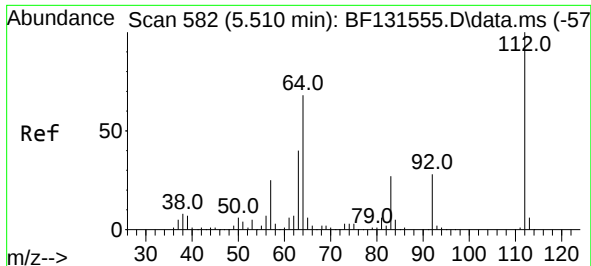
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#4
n-Nitrosodimethylamine
Concen: 36.074 ng
RT: 3.381 min Scan# 220
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

Tgt Ion: 42 Resp: 90588
Ion Ratio Lower Upper
42 100
74 123.8 90.2 135.2
44 6.7 3.7 5.5#





#5
2-Fluorophenol
Concen: 78.845 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

Instrument :

BNA_F

ClientSampleId :

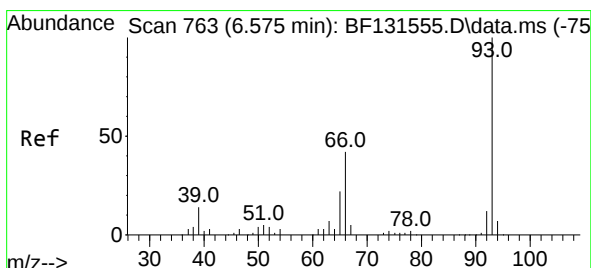
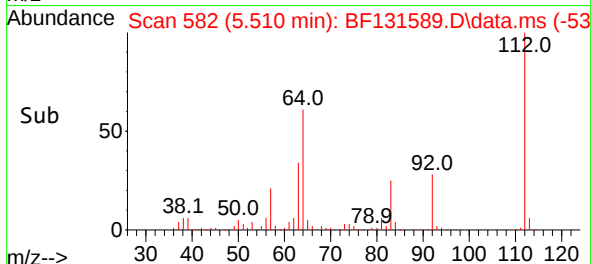
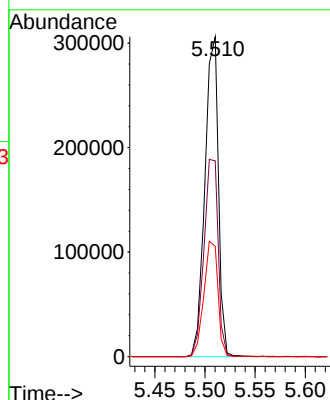
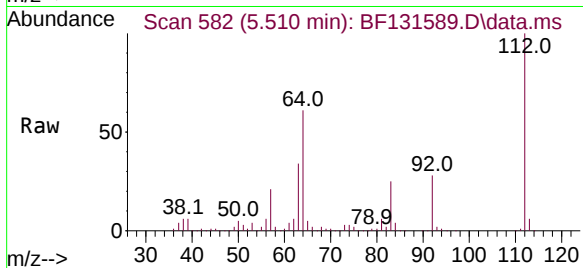
SSTDCCC040

Tgt Ion:112 Resp: 286475
Ion Ratio Lower Upper
112 100
64 61.2 54.5 81.7
63 34.4 31.9 47.9

Manual Integrations

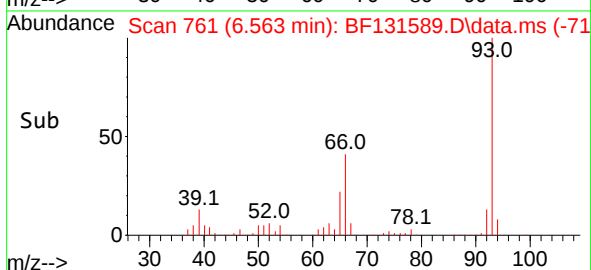
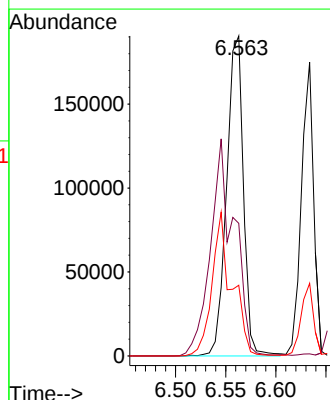
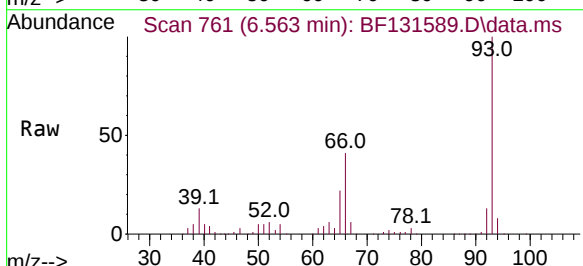
APPROVED

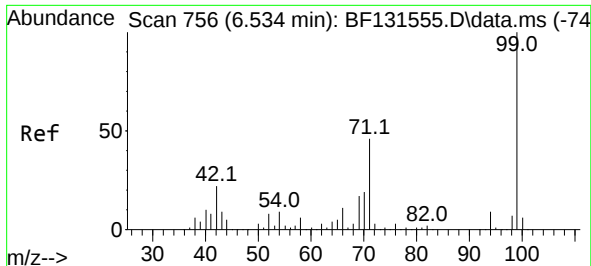
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#6
Aniline
Concen: 39.113 ng
RT: 6.563 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

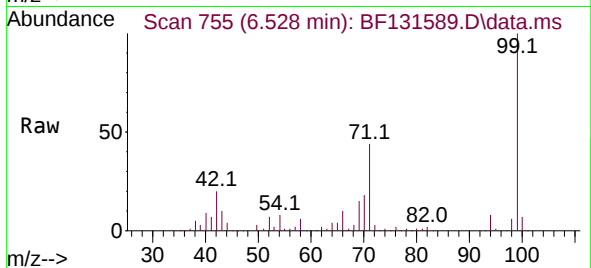
Tgt Ion: 93 Resp: 222720
Ion Ratio Lower Upper
93 100
66 41.4 34.6 51.8
65 22.1 17.7 26.5





#7
Phenol-d6
Concen: 78.051 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

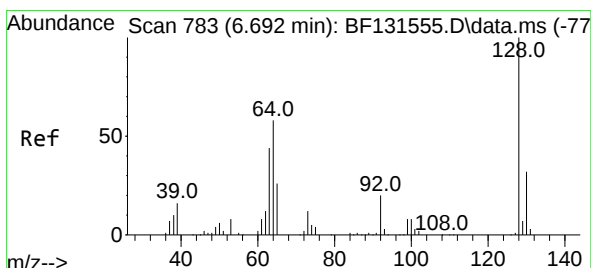
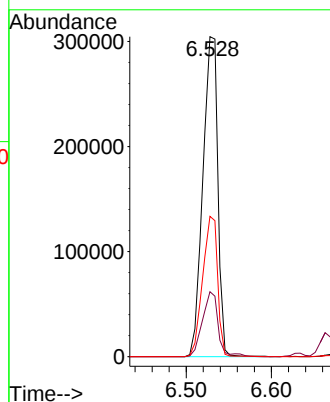
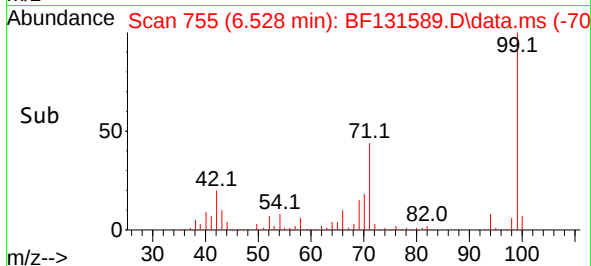
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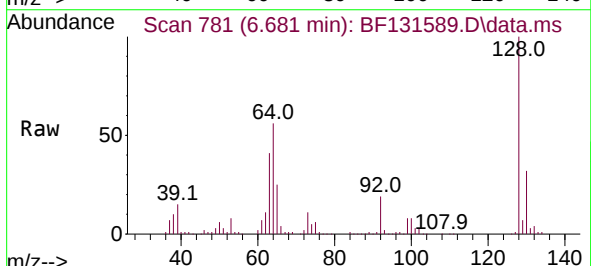
Tgt Ion: 99 Resp: 371623
Ion Ratio Lower Upper
99 100
42 20.3 17.9 26.9
71 43.8 37.2 55.8

Manual Integrations
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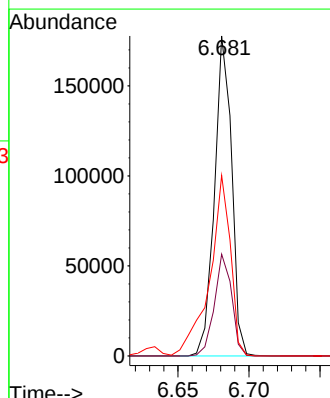
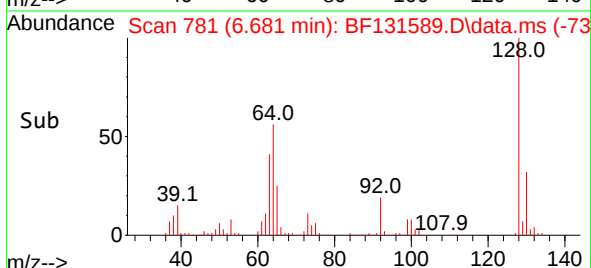
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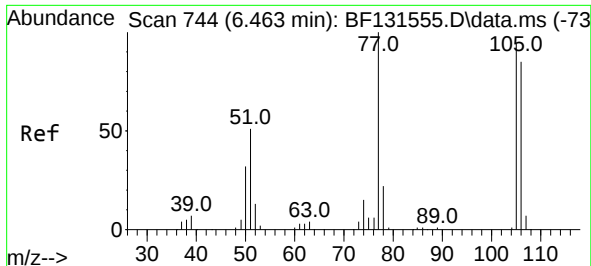


#8
2-Chlorophenol
Concen: 38.878 ng
RT: 6.681 min Scan# 781
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52



Tgt Ion:128 Resp: 149697
Ion Ratio Lower Upper
128 100
130 31.8 11.6 51.6
64 56.4 40.6 80.6





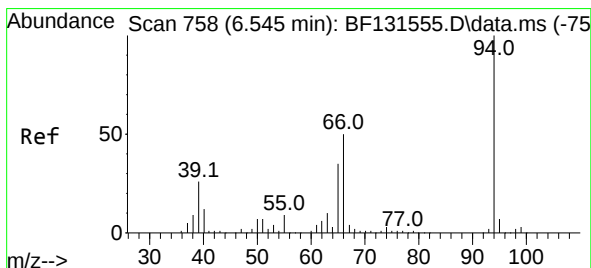
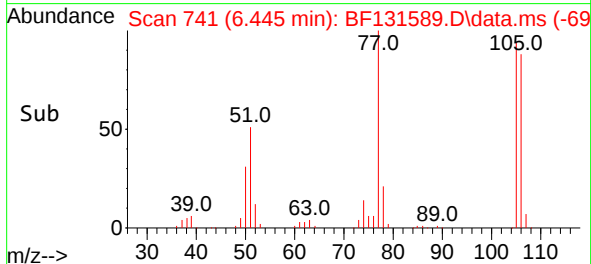
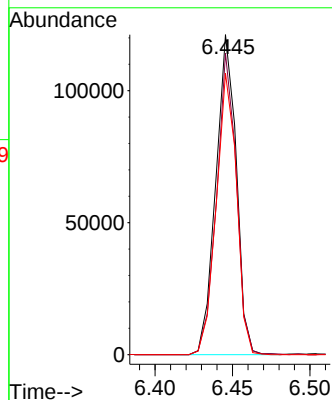
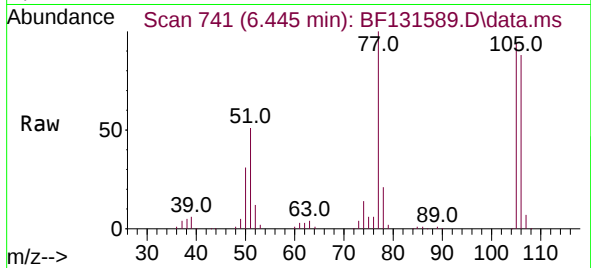
#9
Benzaldehyde
Concen: 34.116 ng
RT: 6.445 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 111278
Ion Ratio Lower Upper
77 100
105 94.2 73.8 113.8
106 87.9 65.2 105.2

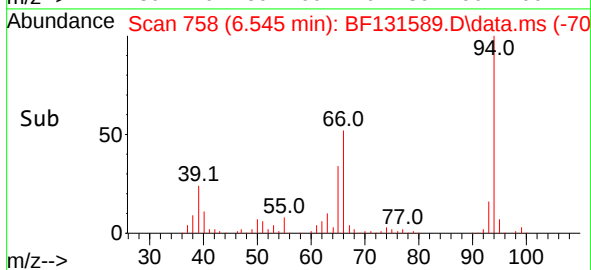
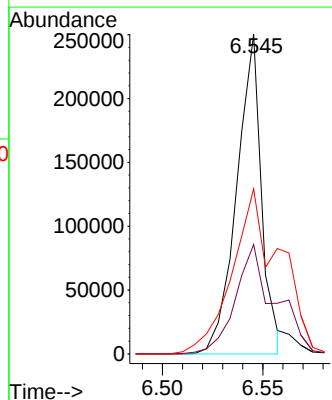
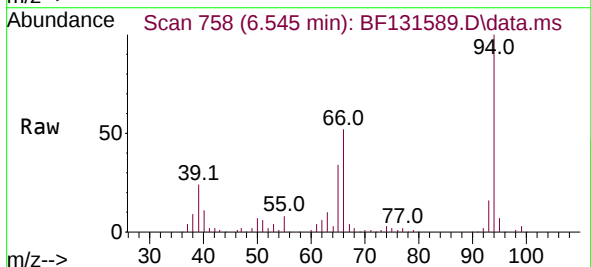
Manual Integrations
APPROVED

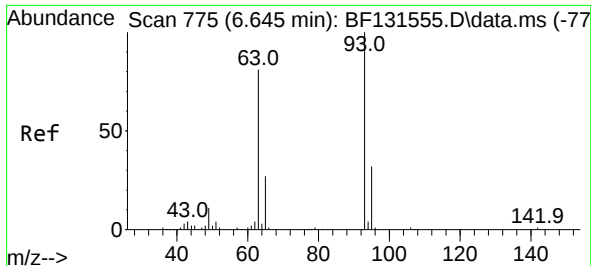
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#10
Phenol
Concen: 40.396 ng m
RT: 6.545 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

Tgt Ion: 94 Resp: 214537
Ion Ratio Lower Upper
94 100
65 34.2 14.8 54.8
66 51.6 30.8 70.8





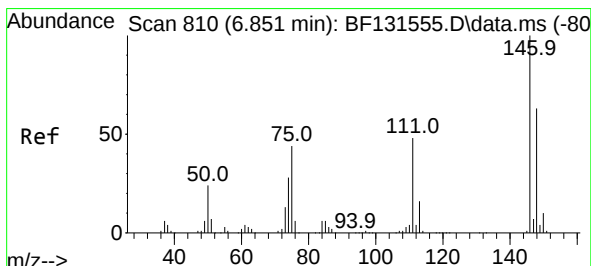
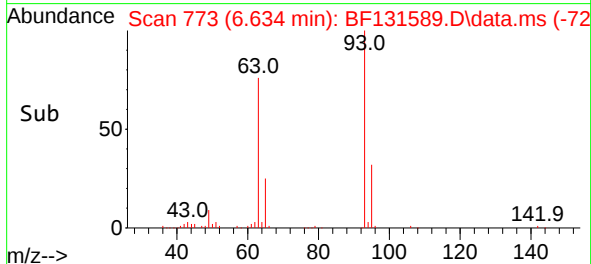
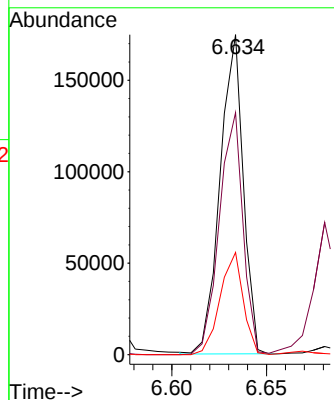
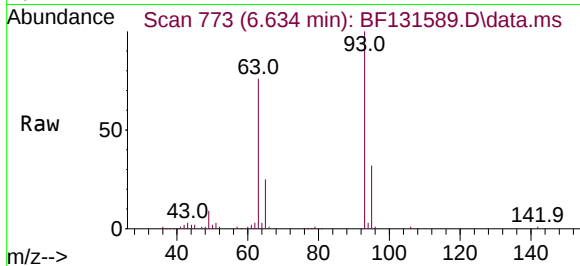
#11
bis(2-Chloroethyl)ether
Concen: 37.294 ng
RT: 6.634 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 148476
Ion Ratio Lower Upper
93 100
63 75.6 60.4 100.4
95 31.9 12.3 52.3

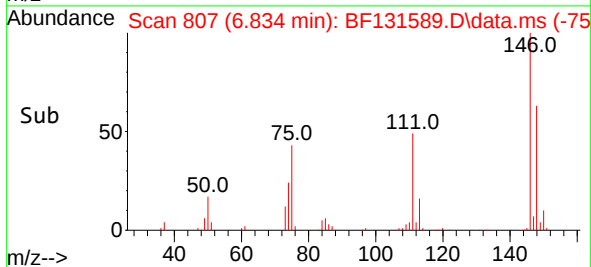
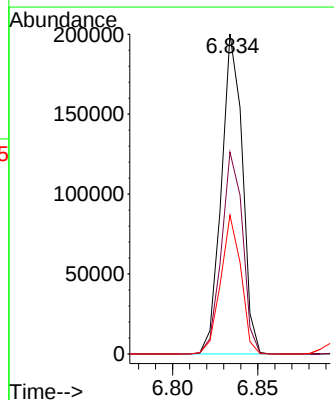
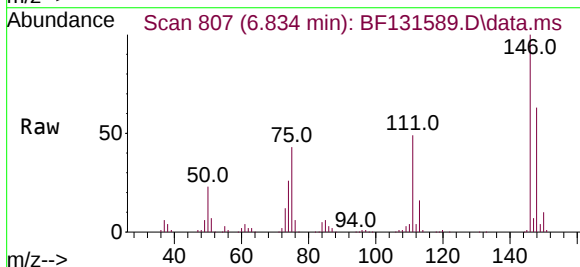
Manual Integrations
APPROVED

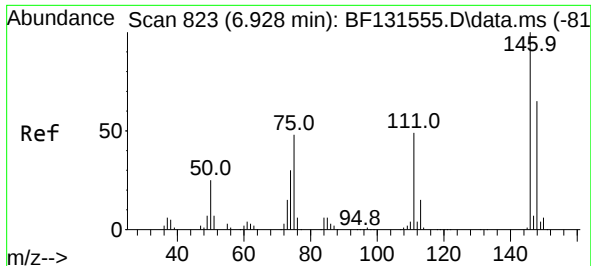
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#12
1,3-Dichlorobenzene
Concen: 38.248 ng
RT: 6.834 min Scan# 807
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

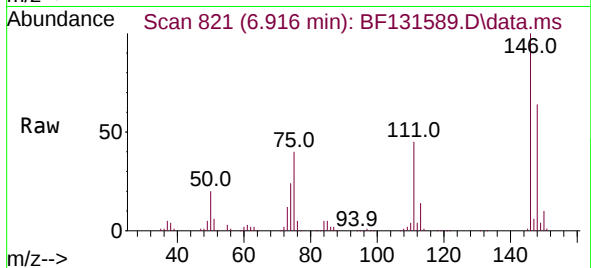
Tgt Ion:146 Resp: 170743
Ion Ratio Lower Upper
146 100
148 63.0 50.7 76.1
75 43.3 35.1 52.7





#13
1,4-Dichlorobenzene
Concen: 38.910 ng
RT: 6.916 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

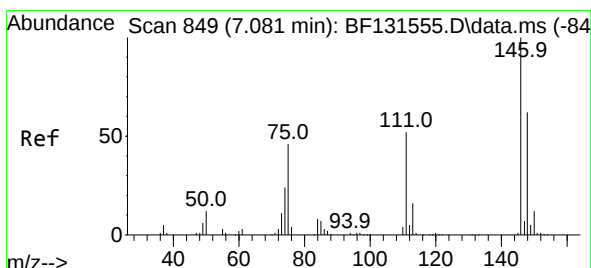
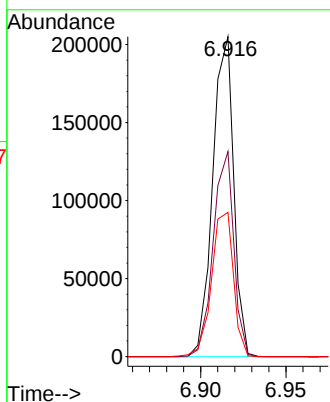
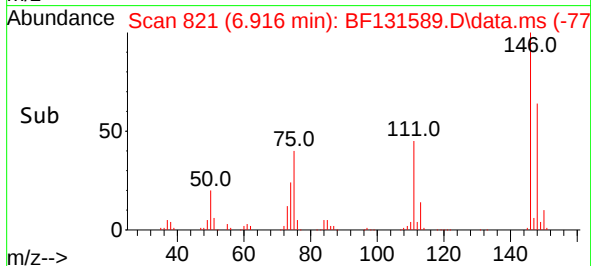
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



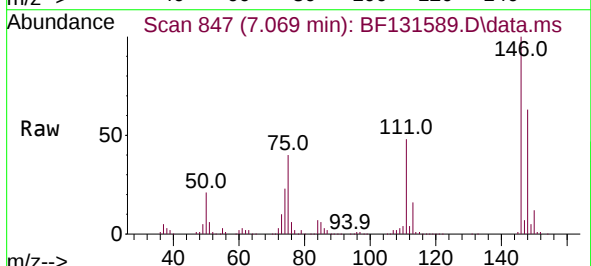
Tgt Ion:146 Resp: 175205
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.6
111 45.1 38.9 58.3

Manual Integrations
APPROVED

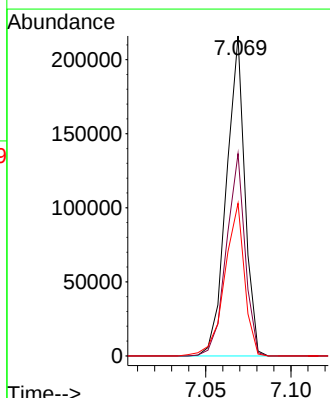
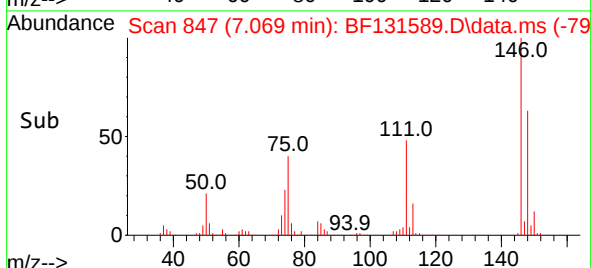
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

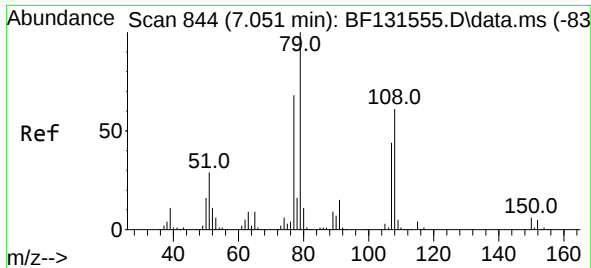


#14
1,2-Dichlorobenzene
Concen: 37.779 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52



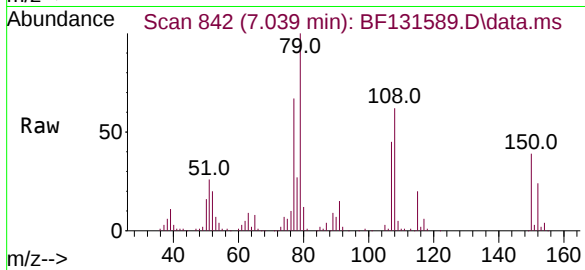
Tgt Ion:146 Resp: 162502
Ion Ratio Lower Upper
146 100
148 63.2 49.9 74.9
111 47.7 41.8 62.6





#15
Benzyl Alcohol
Concen: 37.090 ng
RT: 7.039 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

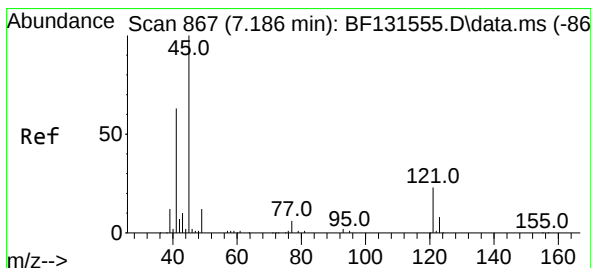
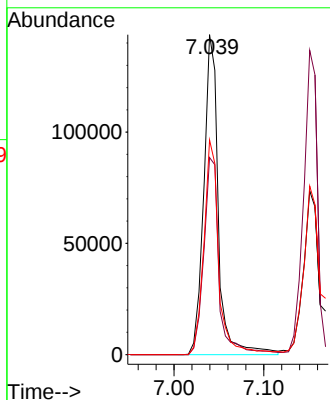
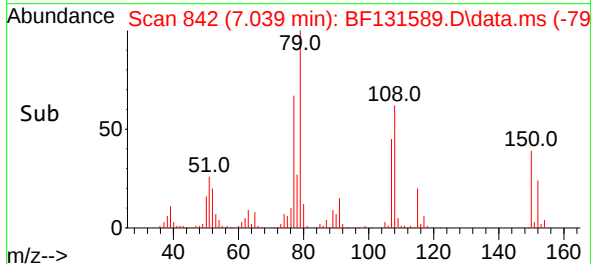
Instrument :
BNA_F
Client Sample Id :
SSTDCCC040



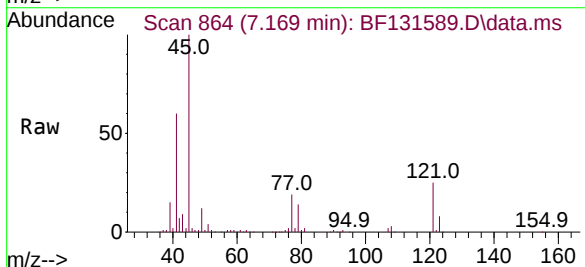
Tgt Ion: 79 Resp: 161899
Ion Ratio Lower Upper
79 100
108 61.6 49.2 73.8
77 67.1 54.5 81.7

Manual Integrations
APPROVED

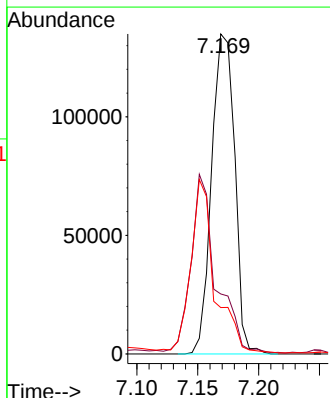
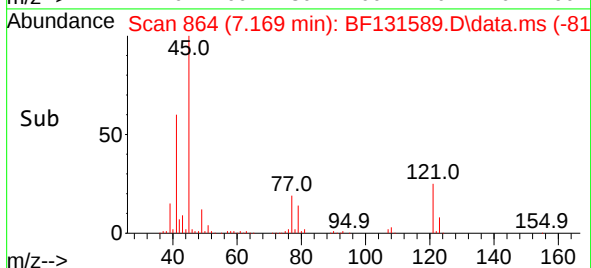
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

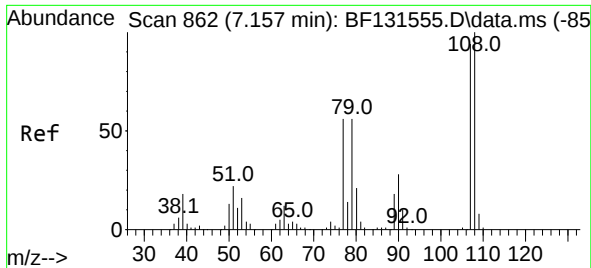


#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.653 ng
RT: 7.169 min Scan# 864
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52



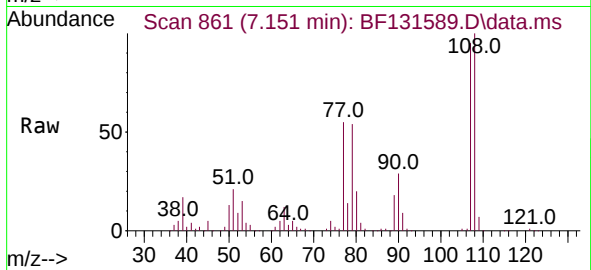
Tgt Ion: 45 Resp: 178202
Ion Ratio Lower Upper
45 100
77 18.7 0.0 37.7
79 14.5 0.0 33.6





#17
2-Methylphenol
Concen: 38.723 ng
RT: 7.151 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

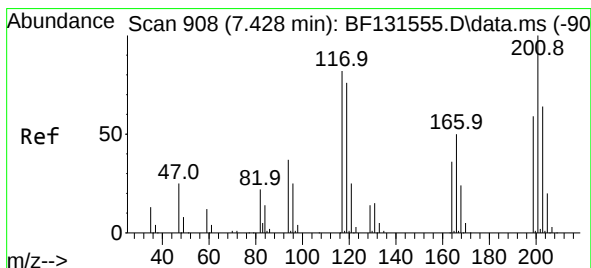
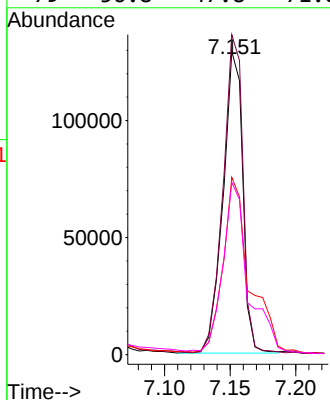
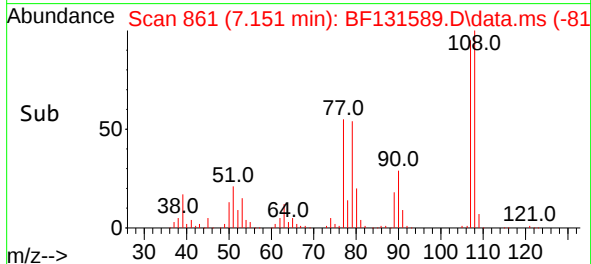
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:107 Resp: 134374
Ion Ratio Lower Upper
107 100
108 105.6 85.5 128.3
77 58.5 48.2 72.4
79 56.8 47.8 71.8

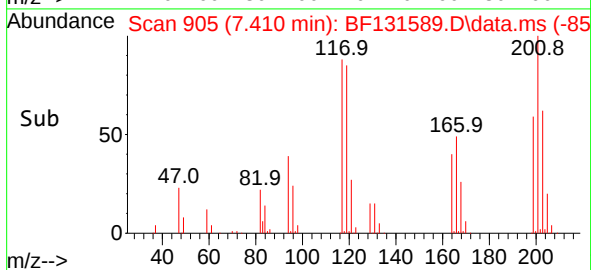
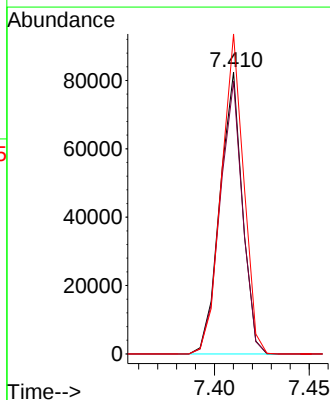
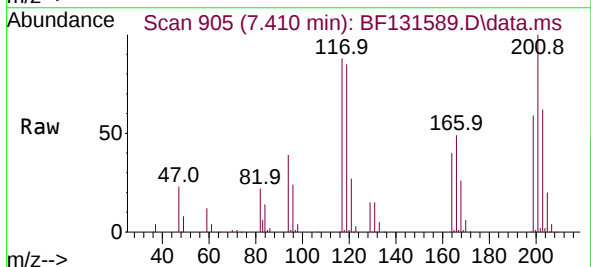
Manual Integrations
APPROVED

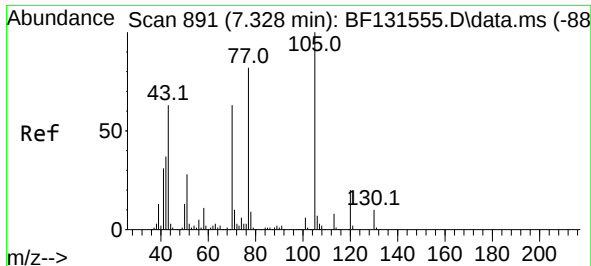
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#18
Hexachloroethane
Concen: 37.385 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

Tgt Ion:117 Resp: 67907
Ion Ratio Lower Upper
117 100
119 96.7 75.0 112.4
201 113.5 98.0 147.0





#19

n-Nitroso-di-n-propylamine

Concen: 35.748 ng

RT: 7.316 min Scan# 889

Delta R.T. 0.000 min

Lab File: BF131589.D

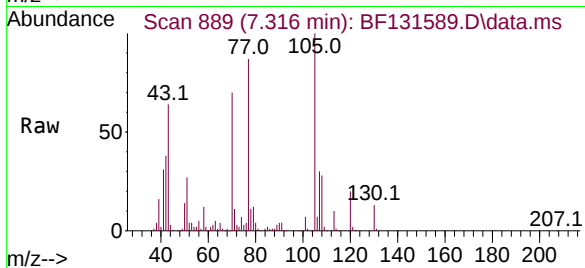
Acq: 12 Dec 2022 12:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 127628

Ion Ratio Lower Upper

70 100

42 54.1 46.4 69.6

101 9.6 7.2 10.8

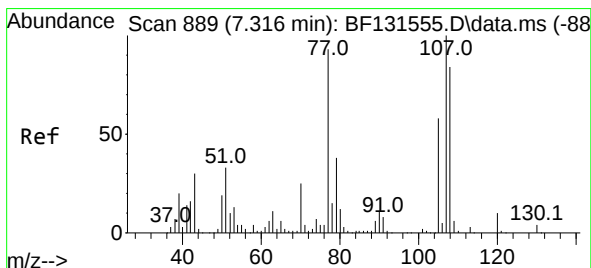
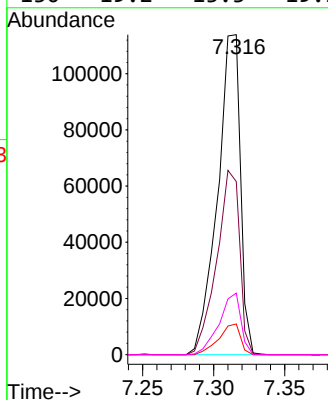
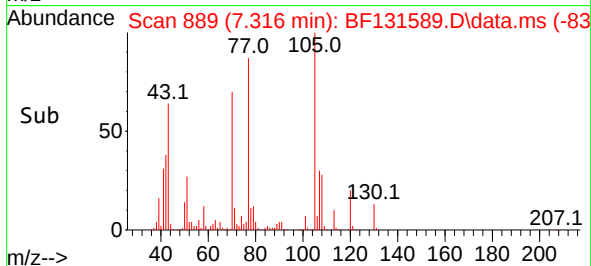
130 19.2 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/13/2022

Supervised By :Jagrut Upadhyay 12/13/2022



#20

3+4-Methylphenols

Concen: 38.855 ng

RT: 7.310 min Scan# 888

Delta R.T. 0.000 min

Lab File: BF131589.D

Acq: 12 Dec 2022 12:52

Tgt Ion:107 Resp: 183648

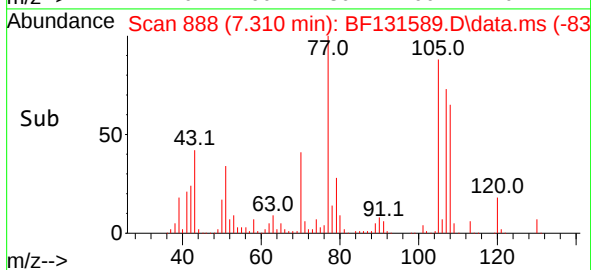
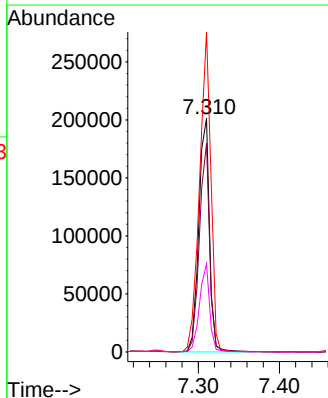
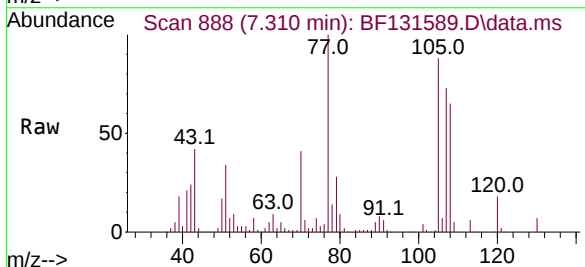
Ion Ratio Lower Upper

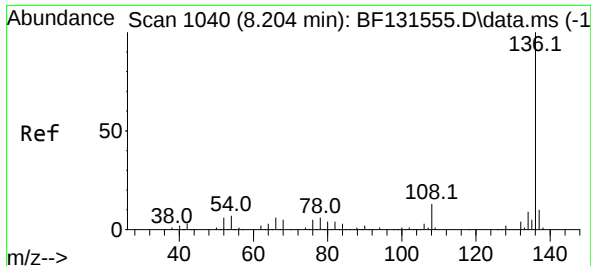
107 100

108 89.3 64.0 104.0

77 137.2 73.1 113.1#

79 37.7 18.2 58.2





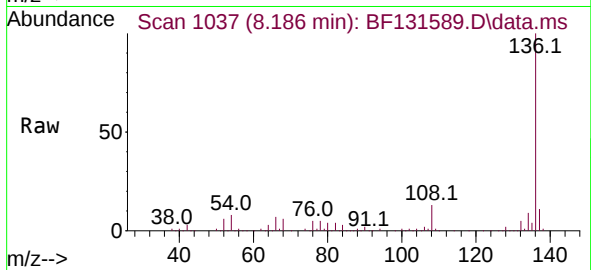
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

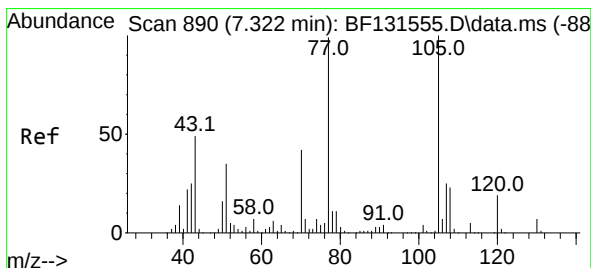
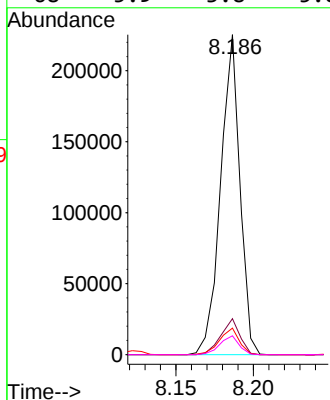
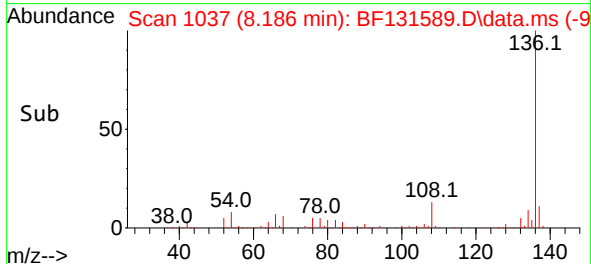


Tgt Ion:136 Resp: 196103
Ion Ratio Lower Upper
136 100
137 11.2 8.1 12.1
54 8.3 6.0 9.0
68 5.9 3.8 5.8#

Manual Integrations

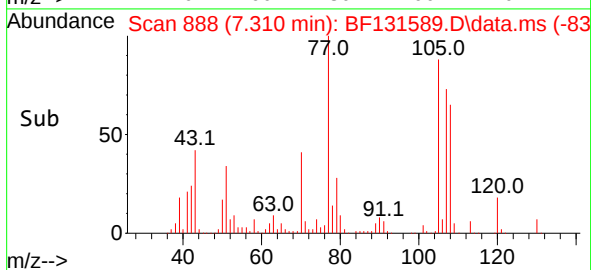
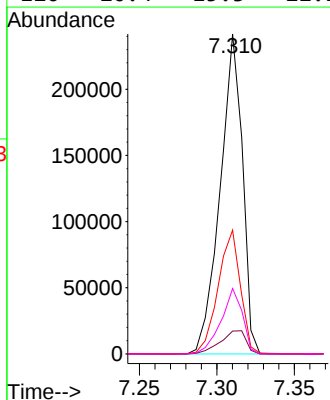
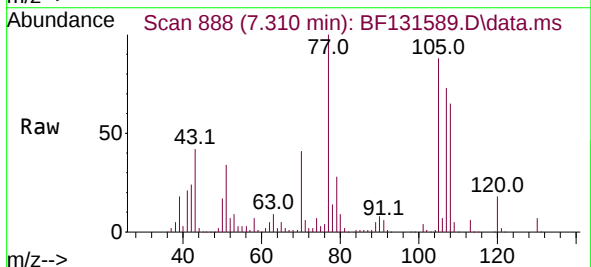
APPROVED

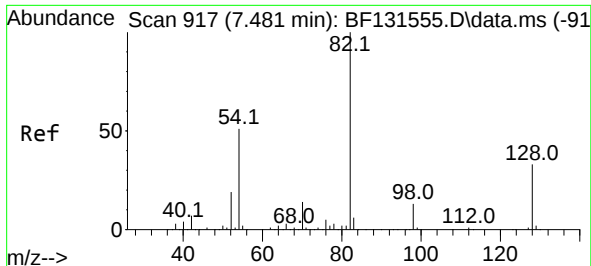
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#22
Acetophenone
Concen: 39.263 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

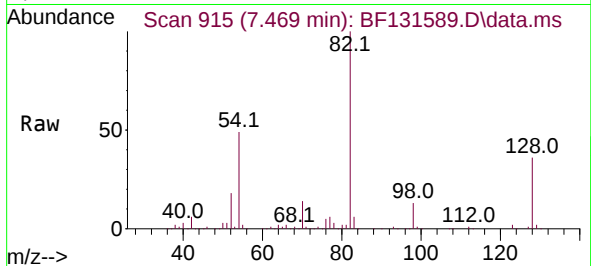
Tgt Ion:105 Resp: 241289
Ion Ratio Lower Upper
105 100
71 7.1 5.4 8.0
51 38.7 27.8 41.6
120 20.4 15.3 22.9





#23
Nitrobenzene-d5
Concen: 77.579 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

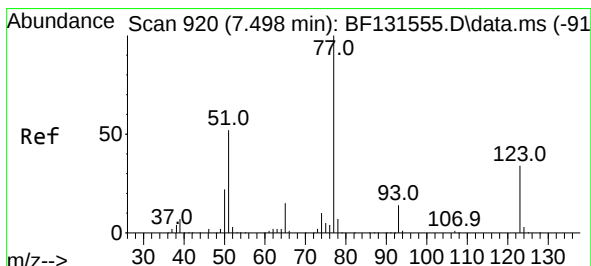
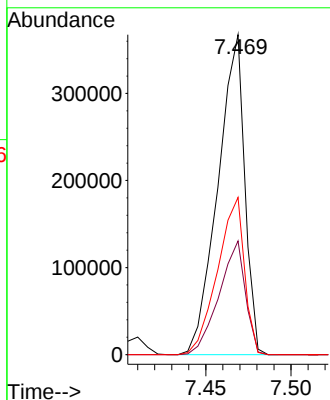
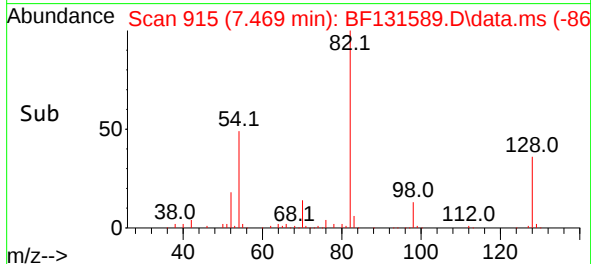
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 82 Resp: 402403
Ion Ratio Lower Upper
82 100
128 35.5 26.1 39.1
54 49.1 40.6 60.8

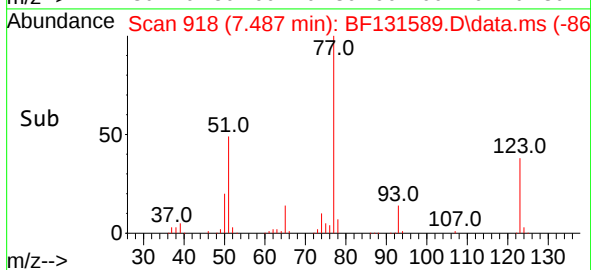
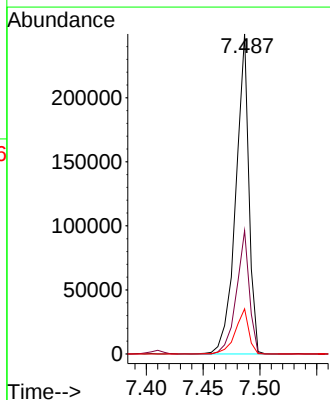
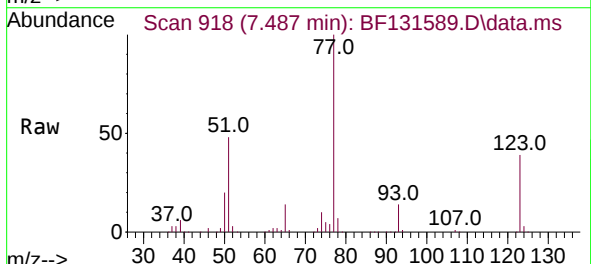
Manual Integrations
APPROVED

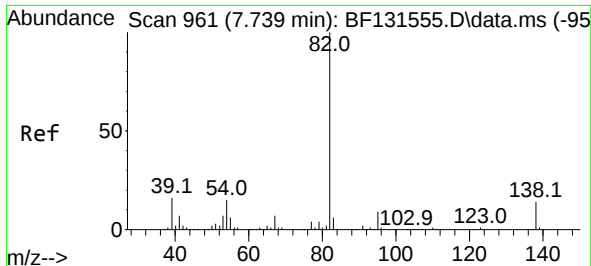
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#24
Nitrobenzene
Concen: 38.344 ng
RT: 7.487 min Scan# 918
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

Tgt Ion: 77 Resp: 200597
Ion Ratio Lower Upper
77 100
123 38.5 27.1 40.7
65 14.1 11.9 17.9





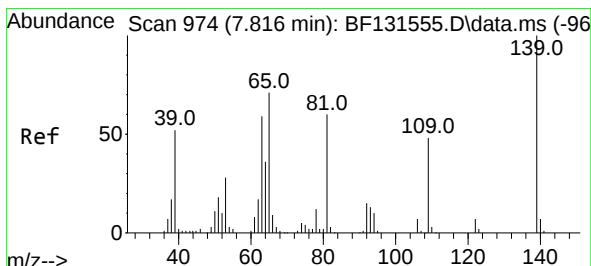
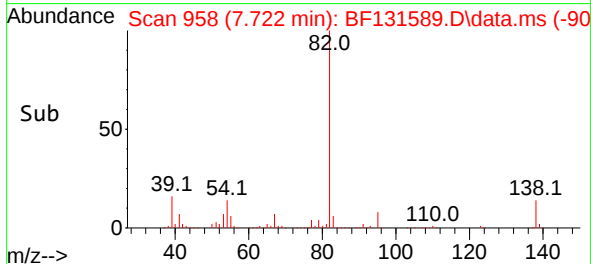
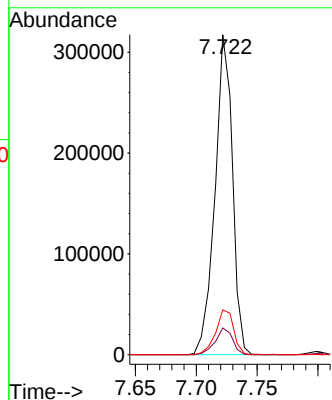
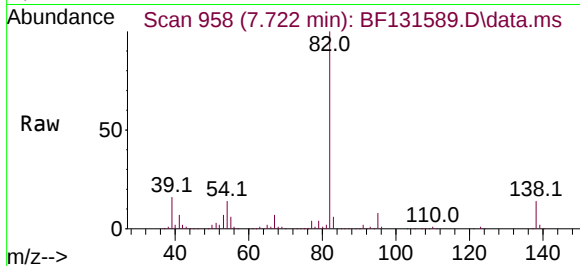
#25
Isophorone
Concen: 37.931 ng
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 316914
Ion Ratio Lower Upper
82 100
95 8.3 6.9 10.3
138 14.0 11.4 17.0

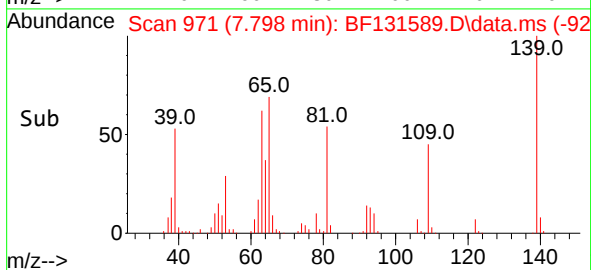
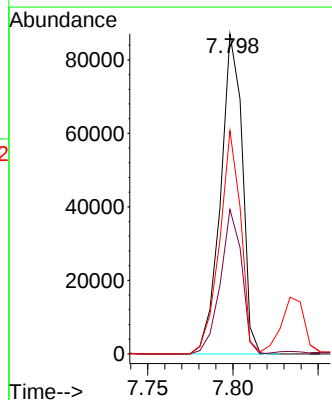
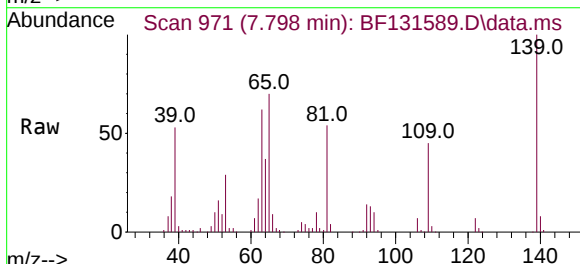
Manual Integrations
APPROVED

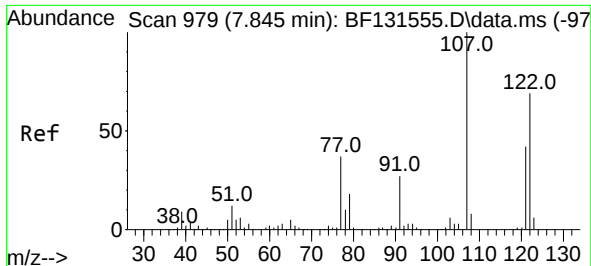
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#26
2-Nitrophenol
Concen: 43.032 ng
RT: 7.798 min Scan# 971
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

Tgt Ion:139 Resp: 76770
Ion Ratio Lower Upper
139 100
109 45.1 38.6 58.0
65 69.8 56.5 84.7





#27

2,4-Dimethylphenol

Concen: 41.170 ng

RT: 7.839 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF131589.D

Acq: 12 Dec 2022 12:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:122 Resp: 112578

Ion Ratio Lower Upper

122 100

107 137.0 114.2 171.2

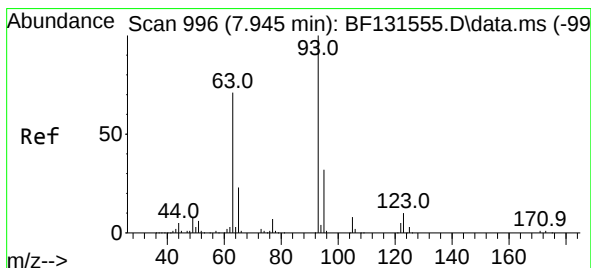
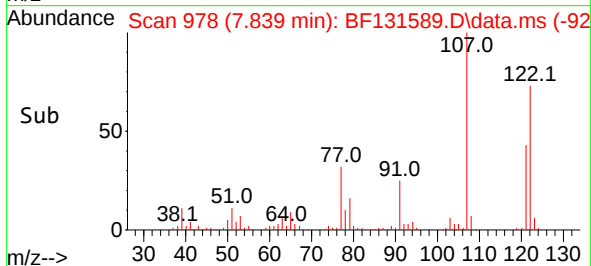
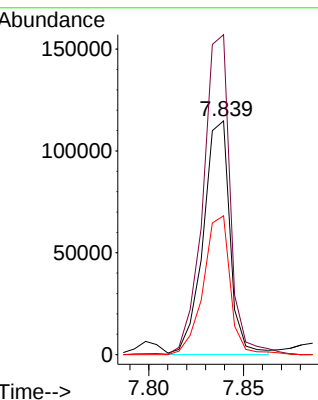
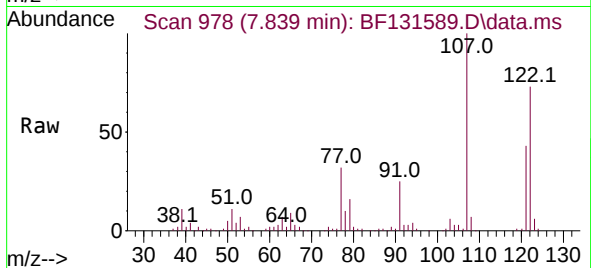
121 59.4 48.2 72.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/13/2022

Supervised By :Jagrut Upadhyay 12/13/2022



#28

bis(2-Chloroethoxy)methane

Concen: 38.910 ng

RT: 7.934 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF131589.D

Acq: 12 Dec 2022 12:52

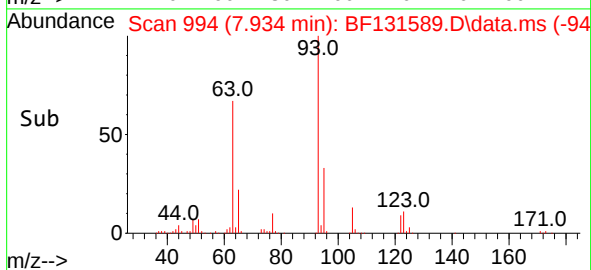
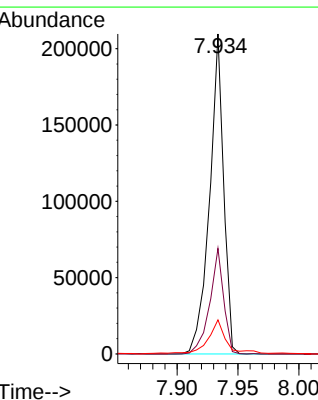
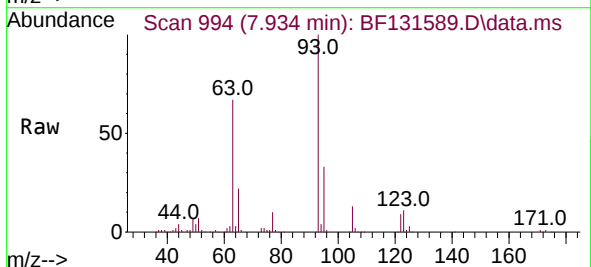
Tgt Ion: 93 Resp: 168173

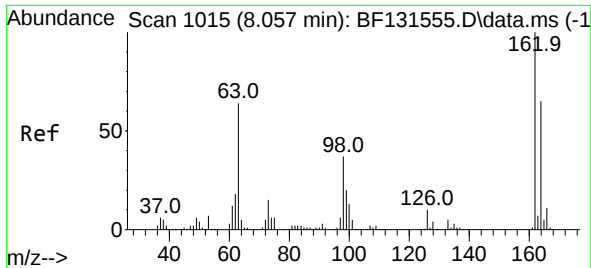
Ion Ratio Lower Upper

93 100

95 33.0 25.8 38.6

123 10.6 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 39.787 ng

RT: 8.045 min Scan# 1015

Delta R.T. 0.000 min

Lab File: BF131589.D

Acq: 12 Dec 2022 12:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

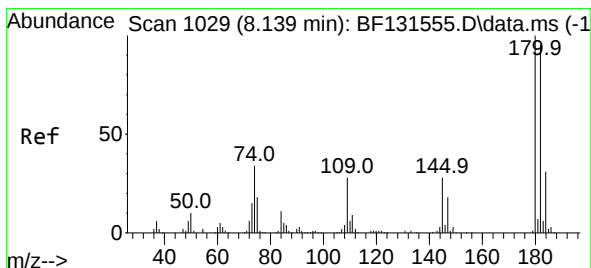
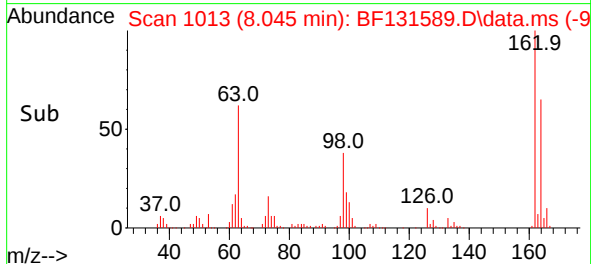
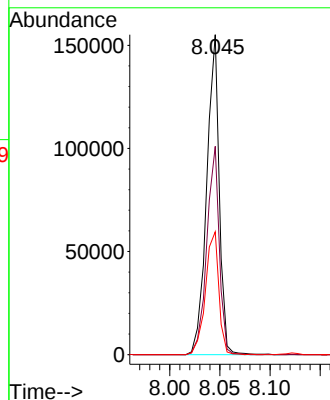
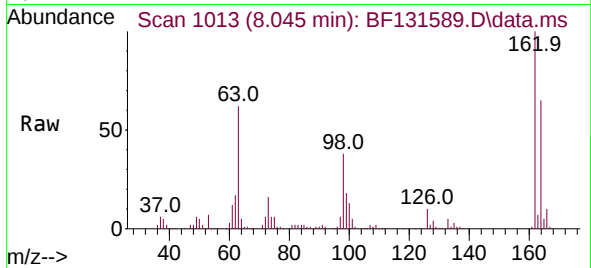
Tgt Ion:162	Resp: 13452
Ion Ratio	Lower Upper
162 100	
164 65.1	45.0 85.0
98 38.4	16.6 56.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/13/2022

Supervised By :Jagrut Upadhyay 12/13/2022



#30

1,2,4-Trichlorobenzene

Concen: 38.711 ng

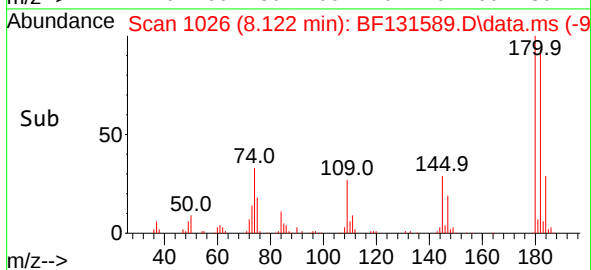
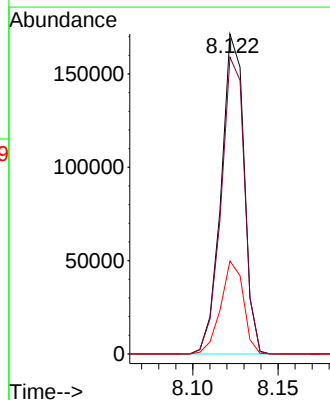
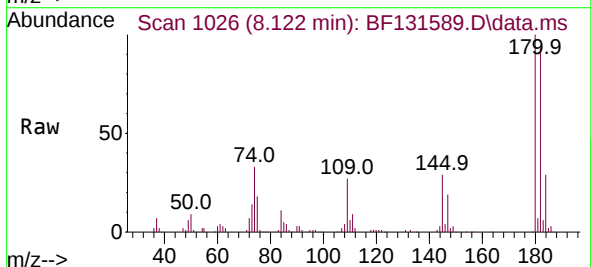
RT: 8.122 min Scan# 1026

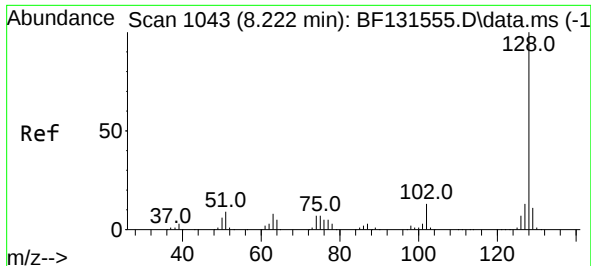
Delta R.T. 0.000 min

Lab File: BF131589.D

Acq: 12 Dec 2022 12:52

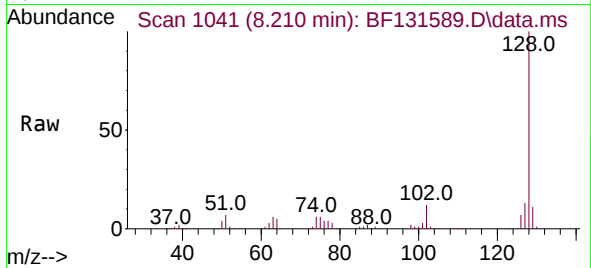
Tgt Ion:180	Resp: 160512
Ion Ratio	Lower Upper
180 100	
182 92.7	75.8 113.6
145 29.0	22.4 33.6





#31
Naphthalene
Concen: 39.756 ng
RT: 8.210 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

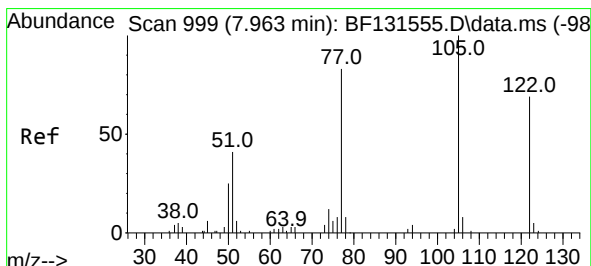
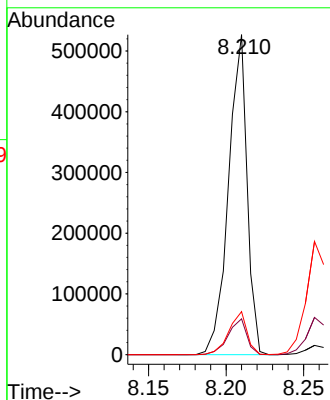
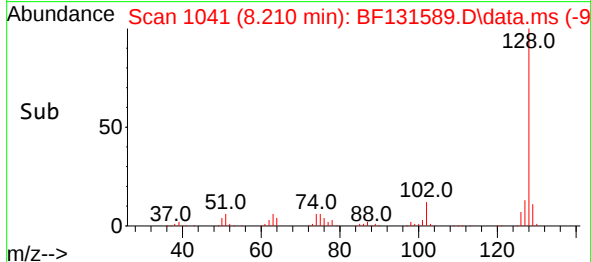
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 439109
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.4 10.6 15.8

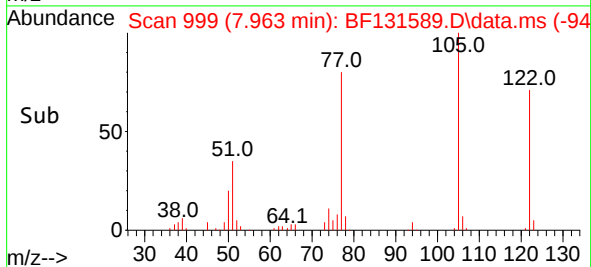
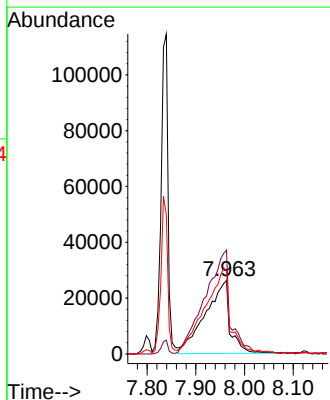
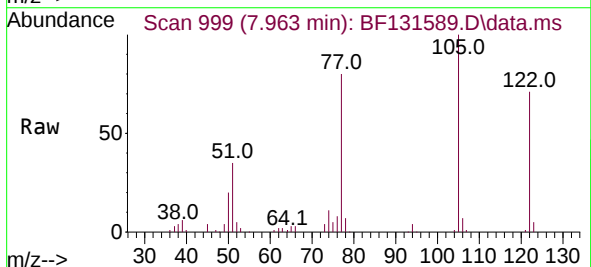
Manual Integrations
APPROVED

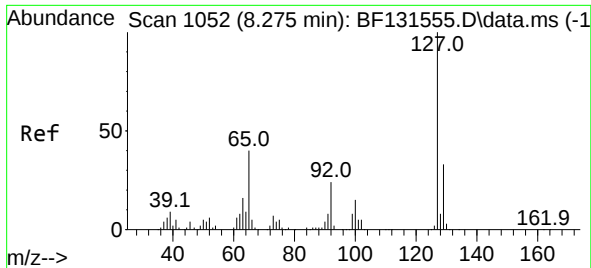
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#32
Benzoic acid
Concen: 46.791 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

Tgt Ion:122 Resp: 92663
Ion Ratio Lower Upper
122 100
105 141.3 119.8 159.8
77 112.9 97.6 137.6





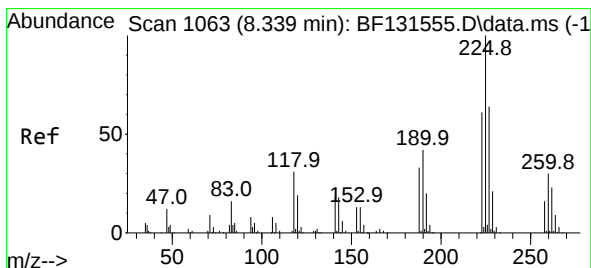
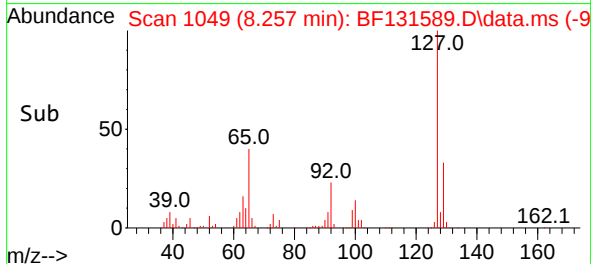
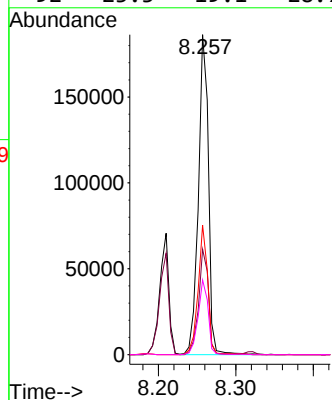
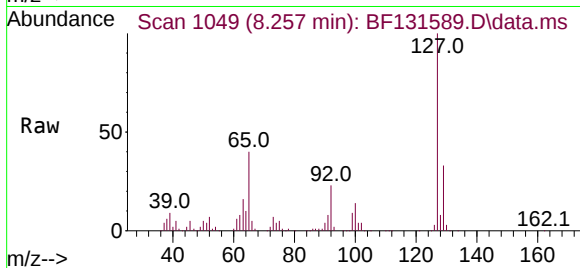
#33
4-Chloroaniline
Concen: 40.654 ng
RT: 8.257 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 168311
Ion Ratio Lower Upper
127 100
129 32.9 26.4 39.6
65 40.5 31.9 47.9
92 23.3 19.1 28.7

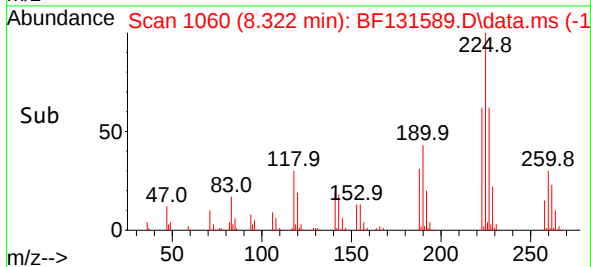
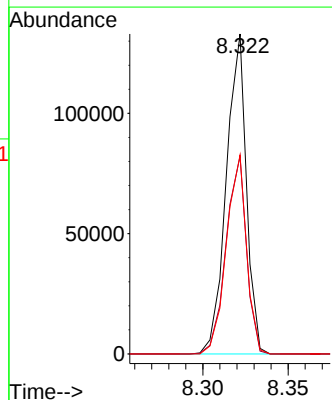
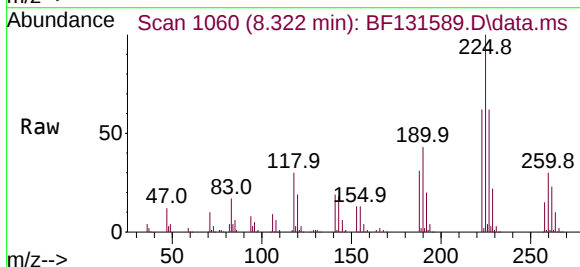
Manual Integrations
APPROVED

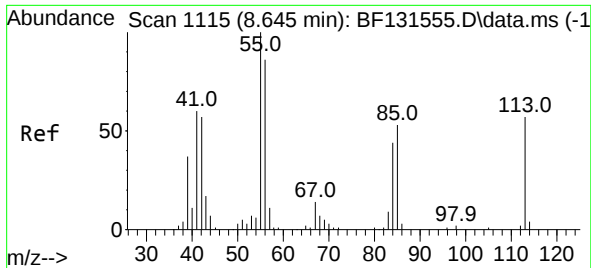
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#34
Hexachlorobutadiene
Concen: 37.263 ng
RT: 8.322 min Scan# 1060
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

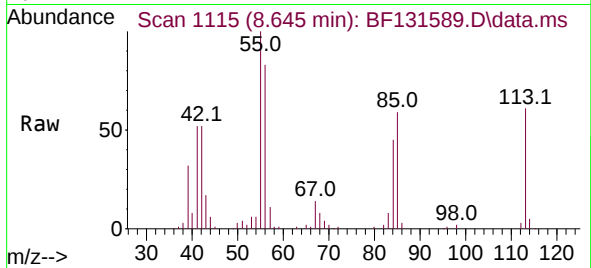
Tgt Ion:225 Resp: 108891
Ion Ratio Lower Upper
225 100
223 61.8 48.7 73.1
227 62.2 51.0 76.6





#35
 Caprolactam
 Concen: 44.725 ng
 RT: 8.645 min Scan# 1115
 Delta R.T. 0.000 min
 Lab File: BF131589.D
 Acq: 12 Dec 2022 12:52

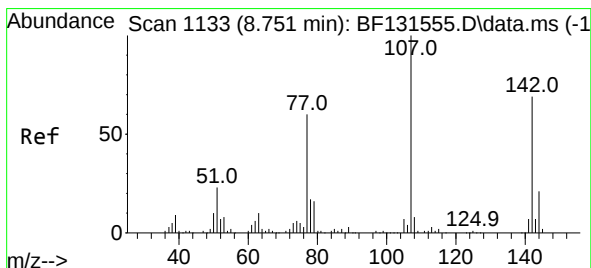
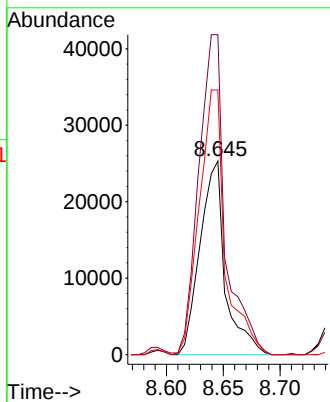
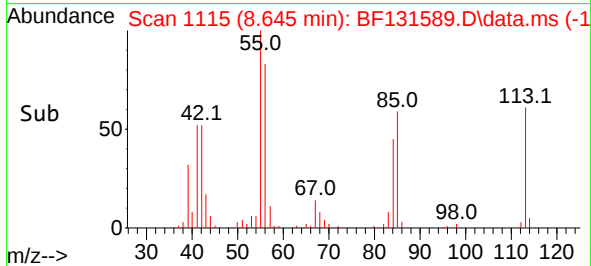
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



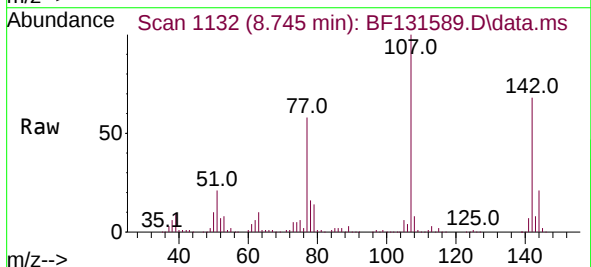
Tgt Ion:113 Resp: 39118
 Ion Ratio Lower Upper
 113 100
 55 165.3 155.8 195.8
 56 136.6 131.7 171.7

Manual Integrations
 APPROVED

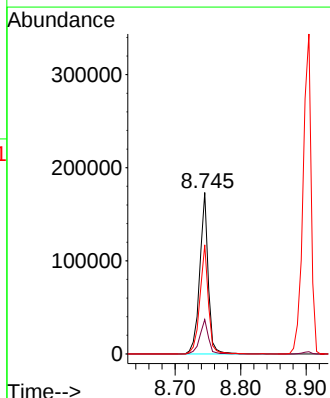
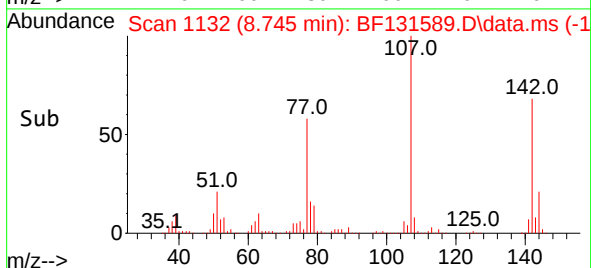
Reviewed By :Christian Giraldo 12/13/2022
 Supervised By :Jagrut Upadhyay 12/13/2022

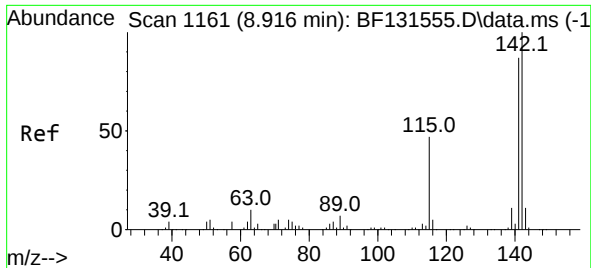


#36
 4-Chloro-3-methylphenol
 Concen: 40.474 ng
 RT: 8.745 min Scan# 1132
 Delta R.T. 0.000 min
 Lab File: BF131589.D
 Acq: 12 Dec 2022 12:52



Tgt Ion:107 Resp: 153666
 Ion Ratio Lower Upper
 107 100
 144 21.3 17.0 25.4
 142 67.6 54.8 82.2





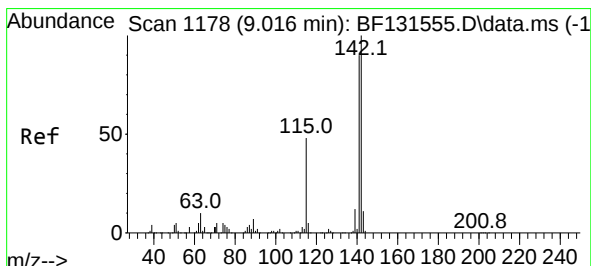
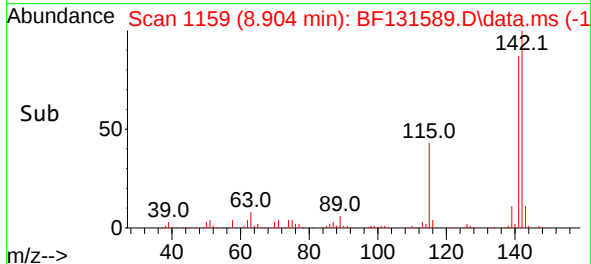
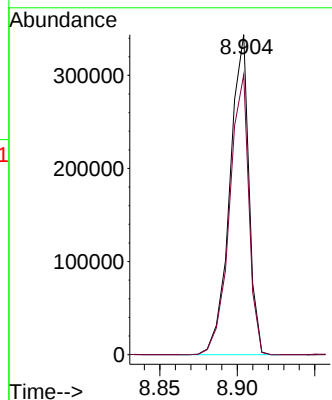
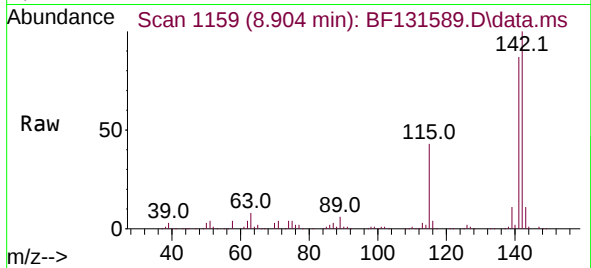
#37
2-Methylnaphthalene
Concen: 39.038 ng
RT: 8.904 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 294872
Ion Ratio Lower Upper
142 100
141 87.5 69.7 104.5

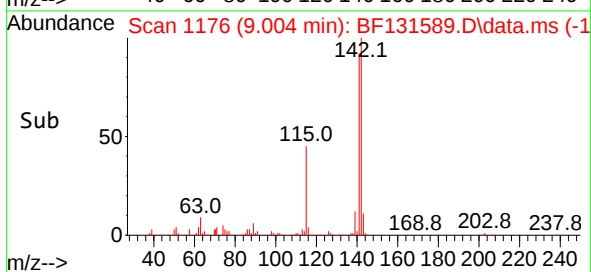
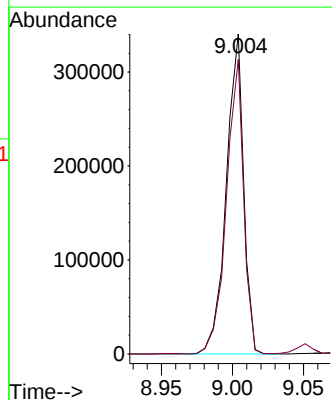
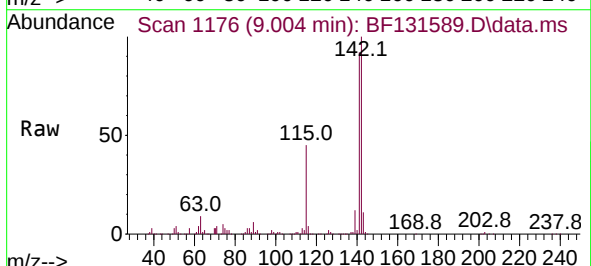
Manual Integrations
APPROVED

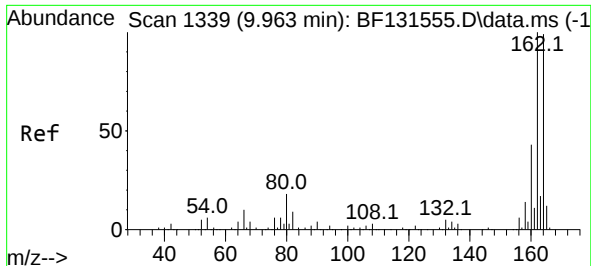
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#38
1-Methylnaphthalene
Concen: 39.918 ng
RT: 9.004 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

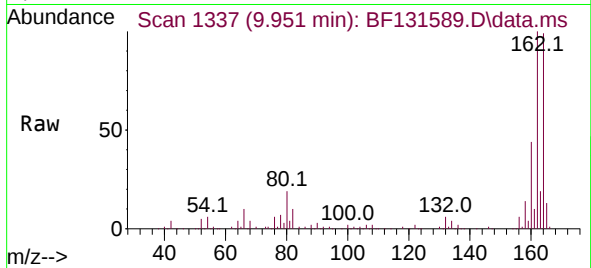
Tgt Ion:142 Resp: 289452
Ion Ratio Lower Upper
142 100
141 92.0 71.9 107.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

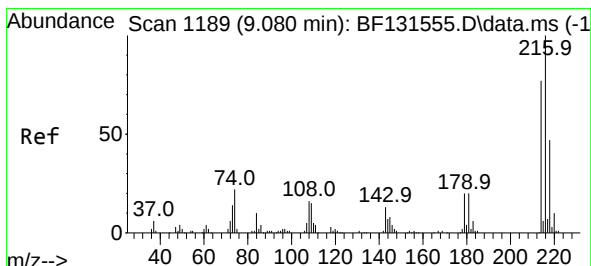
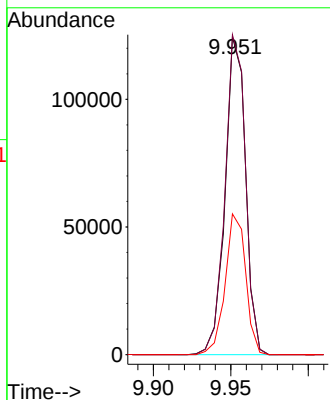
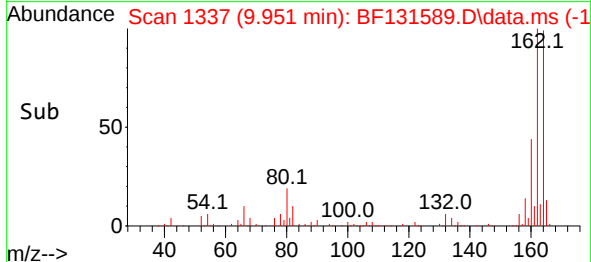
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



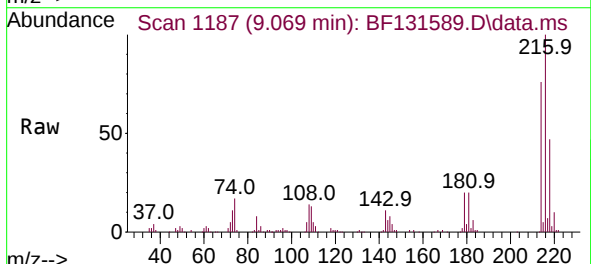
Tgt Ion:164 Resp: 114272
Ion Ratio Lower Upper
164 100
162 100.7 81.0 121.6
160 44.3 35.0 52.6

Manual Integrations
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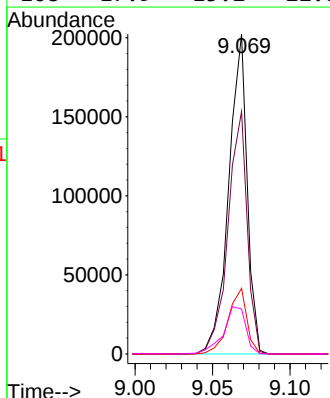
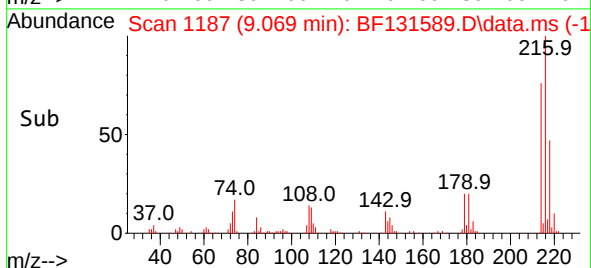
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

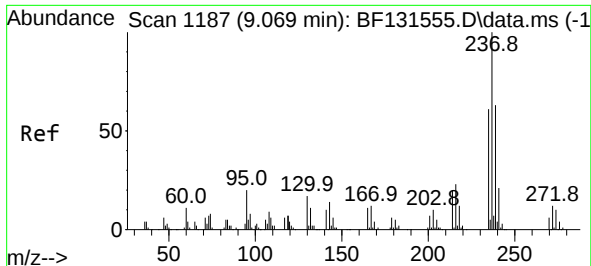


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.586 ng
RT: 9.069 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52



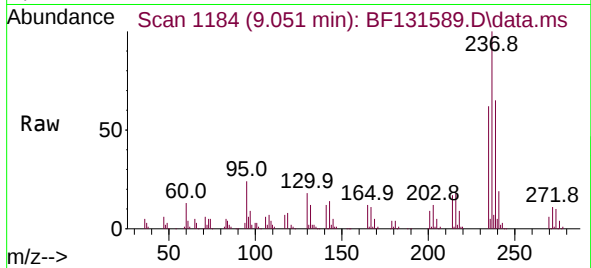
Tgt Ion:216 Resp: 167455
Ion Ratio Lower Upper
216 100
214 78.8 62.1 93.1
179 20.6 16.0 24.0
108 17.9 15.2 22.8





#41
Hexachlorocyclopentadiene
Concen: 34.437 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

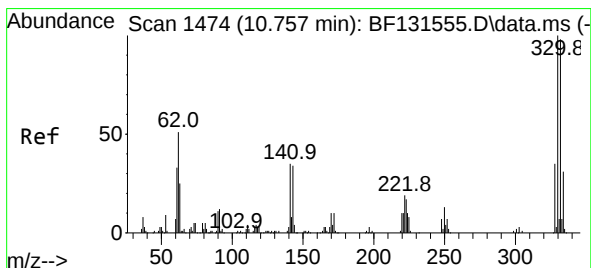
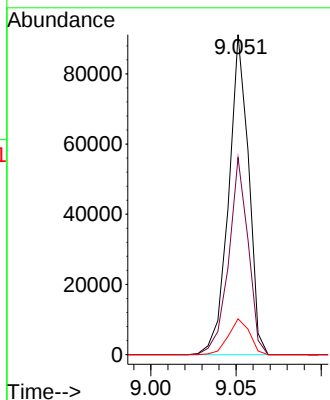
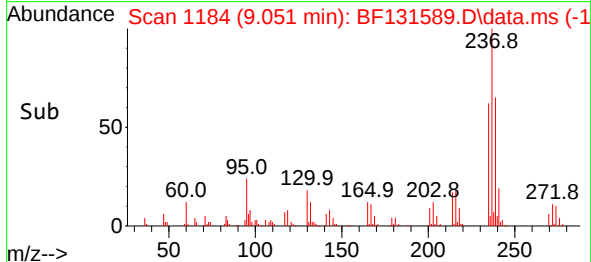
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



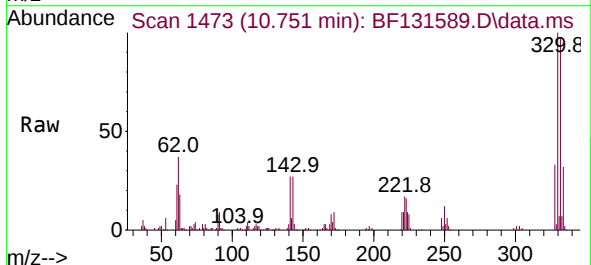
Tgt Ion:237 Resp: 73940
Ion Ratio Lower Upper
237 100
235 61.6 40.6 80.6
272 11.2 0.0 32.2

Manual Integrations
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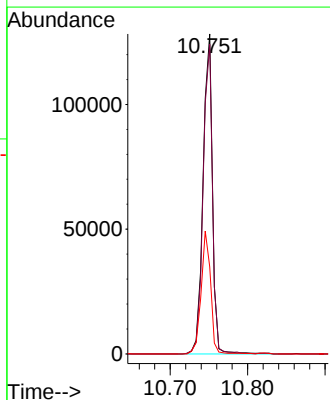
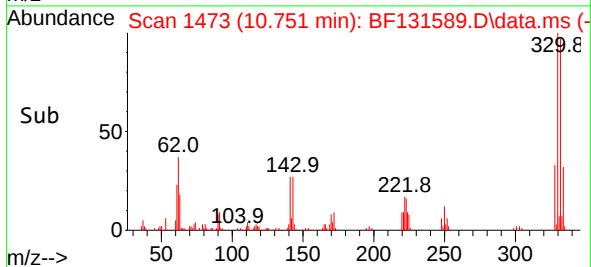
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

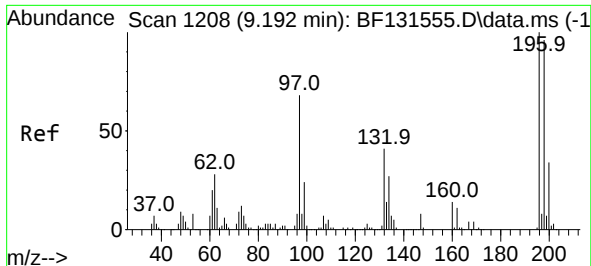


#42
2,4,6-Tribromophenol
Concen: 84.650 ng
RT: 10.751 min Scan# 1473
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52



Tgt Ion:330 Resp: 107471
Ion Ratio Lower Upper
330 100
332 96.5 78.3 117.5
141 38.9 32.6 49.0





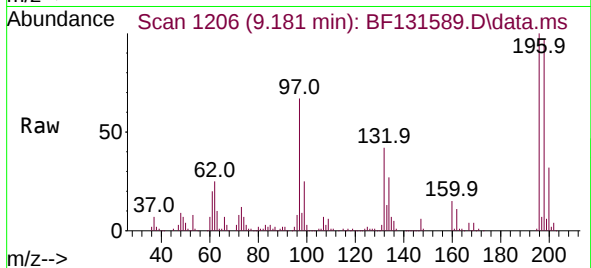
#43
2,4,6-Trichlorophenol
Concen: 41.468 ng
RT: 9.181 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

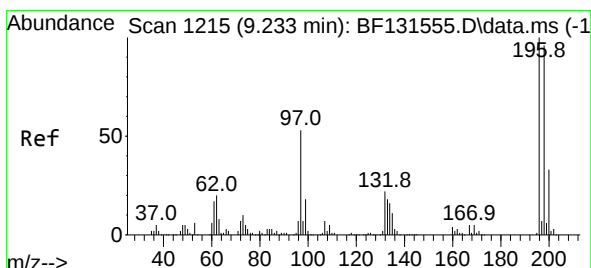
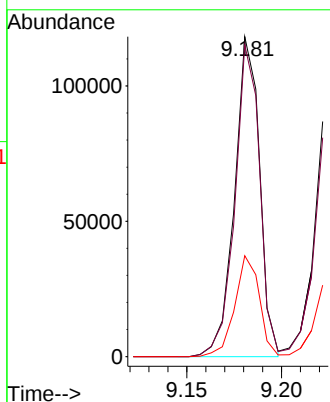
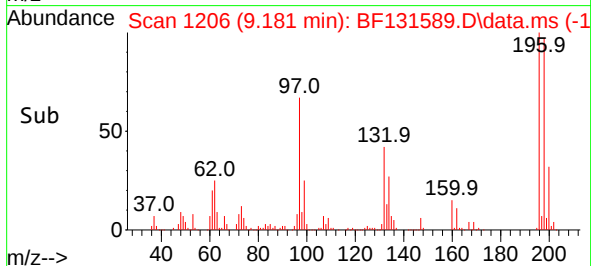


Tgt Ion:196 Resp: 108499
Ion Ratio Lower Upper
196 100
198 97.4 76.9 115.3
200 31.5 26.9 40.3

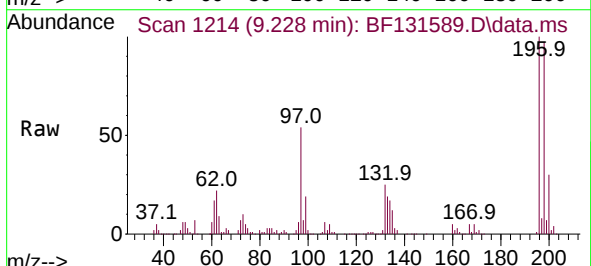
Manual Integrations

APPROVED

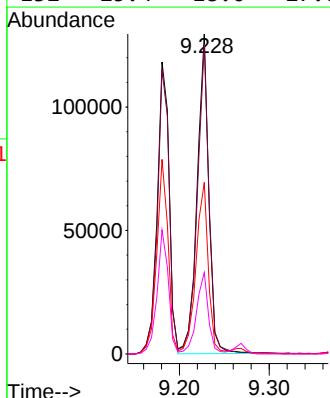
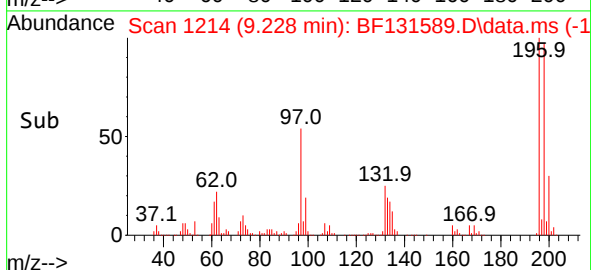
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

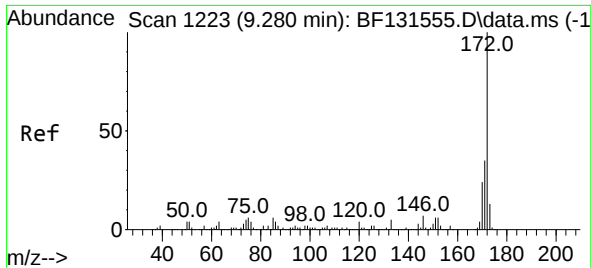


#44
2,4,5-Trichlorophenol
Concen: 41.452 ng
RT: 9.228 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52



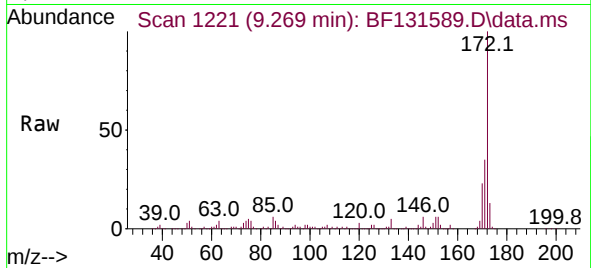
Tgt Ion:196 Resp: 116639
Ion Ratio Lower Upper
196 100
198 96.8 77.2 115.8
97 53.6 42.2 63.2
132 25.4 18.0 27.0





#45
2-Fluorobiphenyl
Concen: 77.758 ng
RT: 9.269 min Scan# 1221
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

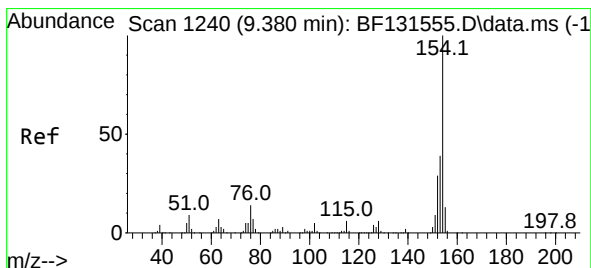
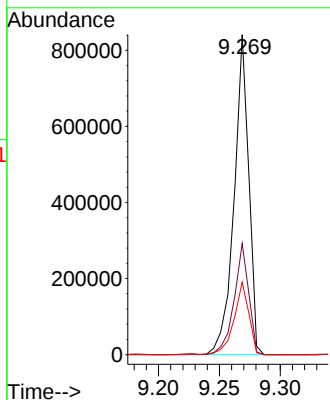
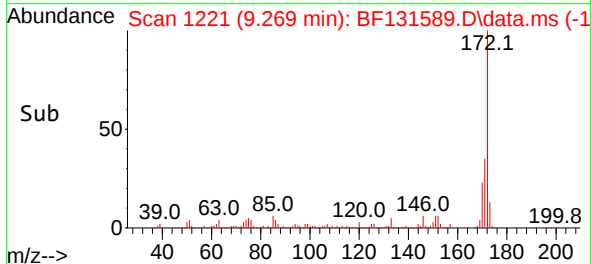
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



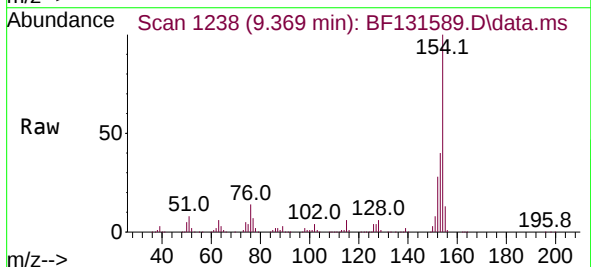
Tgt Ion:172 Resp: 704712
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 22.7 19.3 28.9

Manual Integrations
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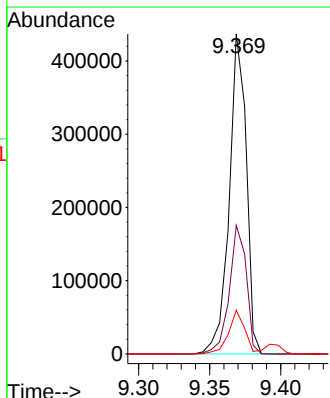
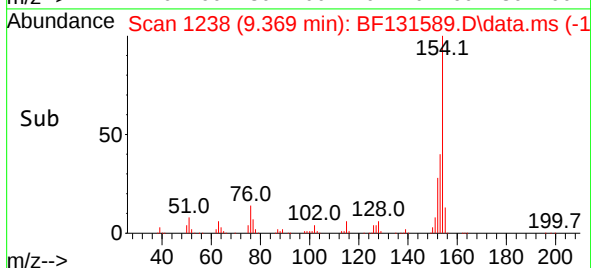
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

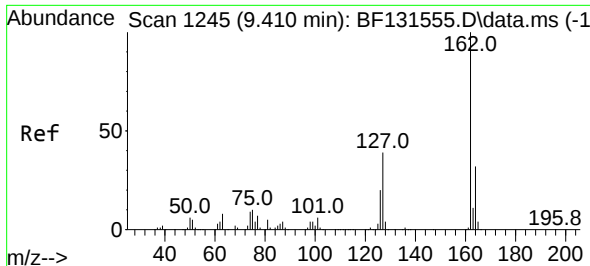


#46
1,1'-Biphenyl
Concen: 40.343 ng
RT: 9.369 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52



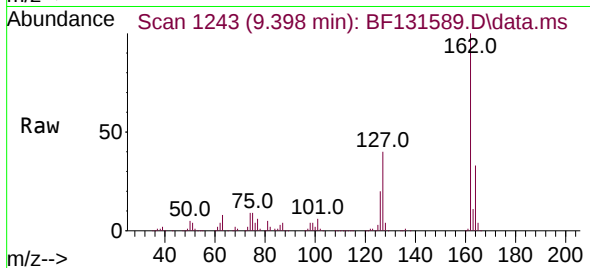
Tgt Ion:154 Resp: 364493
Ion Ratio Lower Upper
154 100
153 40.1 19.4 59.4
76 13.6 0.0 34.0





#47
2-Chloronaphthalene
Concen: 40.275 ng
RT: 9.398 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

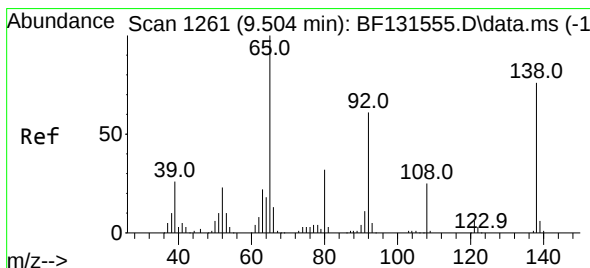
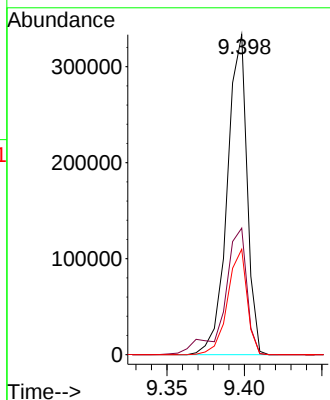
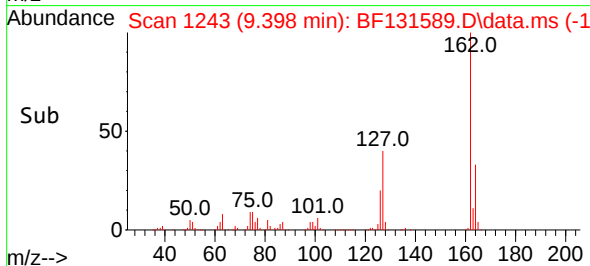
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:162 Resp: 296473
Ion Ratio Lower Upper
162 100
127 39.5 31.4 47.2
164 32.9 25.8 38.8

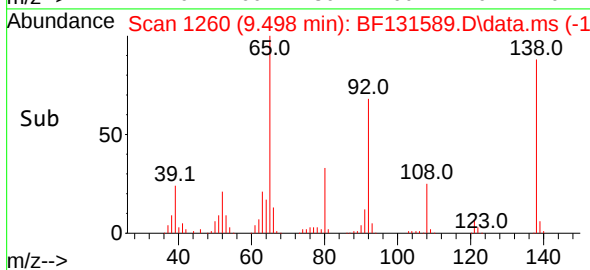
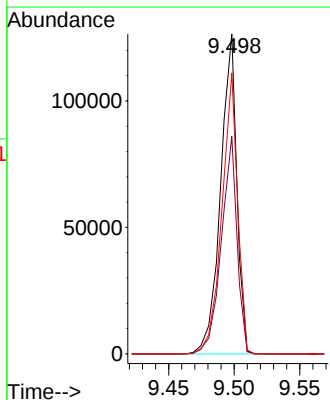
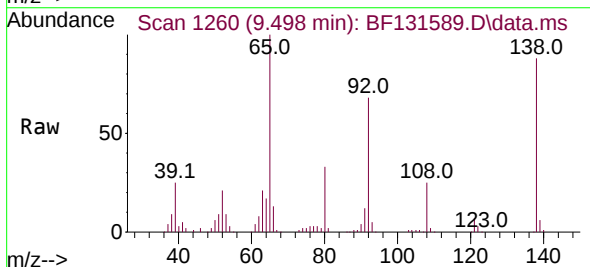
Manual Integrations
APPROVED

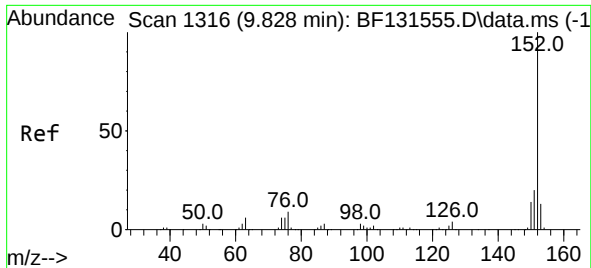
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#48
2-Nitroaniline
Concen: 41.861 ng
RT: 9.498 min Scan# 1260
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

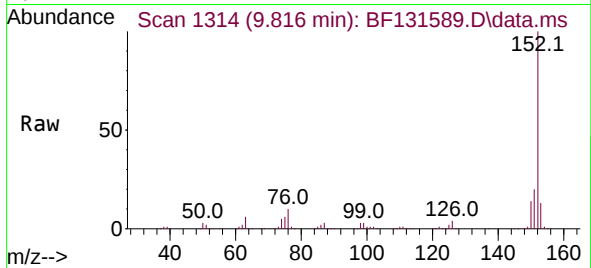
Tgt Ion: 65 Resp: 109158
Ion Ratio Lower Upper
65 100
92 68.0 49.2 73.8
138 87.8 60.7 91.1





#49
Acenaphthylene
Concen: 41.192 ng
RT: 9.816 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

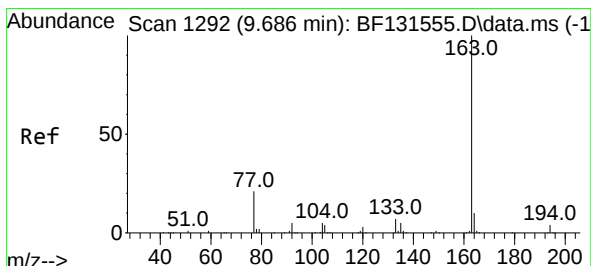
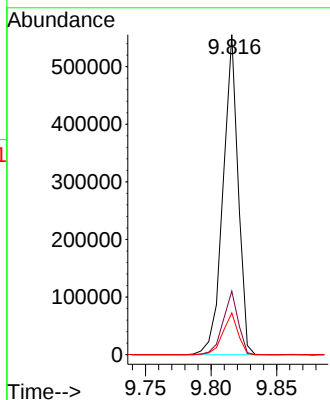
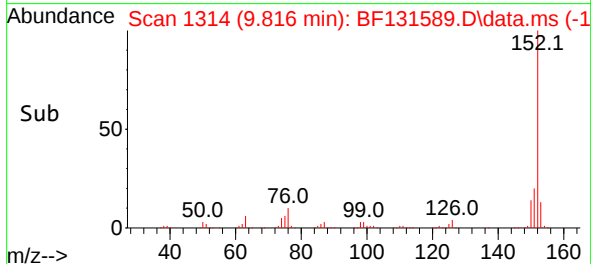
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



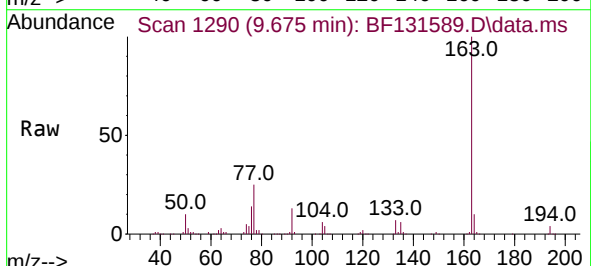
Tgt Ion:152 Resp: 445215
Ion Ratio Lower Upper
152 100
151 19.8 15.6 23.4
153 13.0 10.4 15.6

Manual Integrations
APPROVED

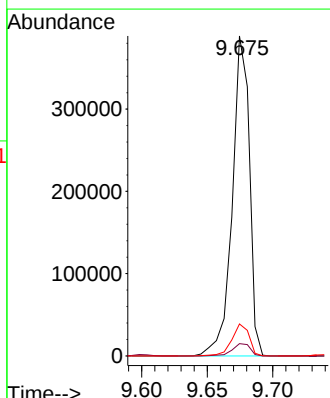
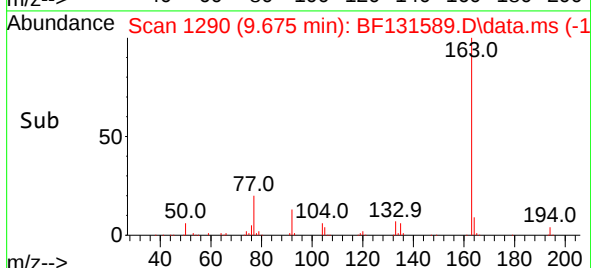
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

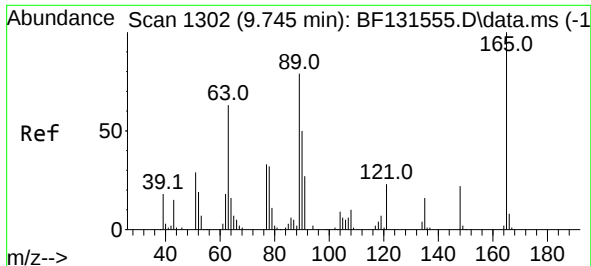


#50
Dimethylphthalate
Concen: 40.426 ng
RT: 9.675 min Scan# 1290
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52



Tgt Ion:163 Resp: 352155
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.0 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 42.436 ng

RT: 9.739 min Scan# 1301

Delta R.T. 0.000 min

Lab File: BF131589.D

Acq: 12 Dec 2022 12:52

Instrument :

BNA_F

ClientSampleId :

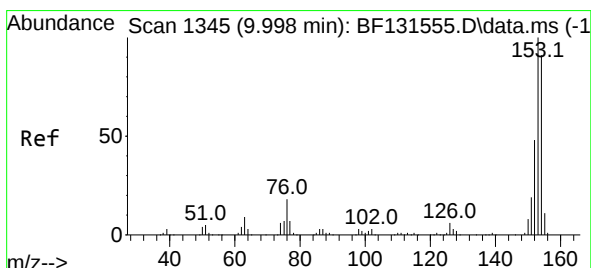
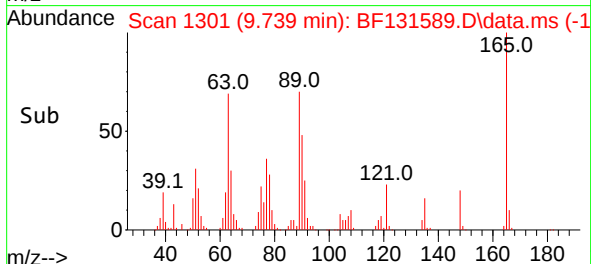
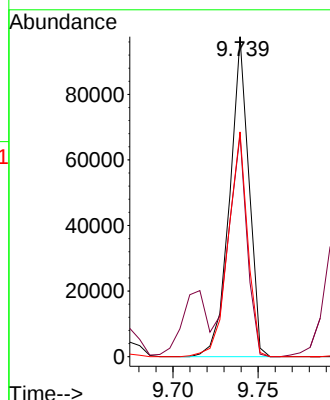
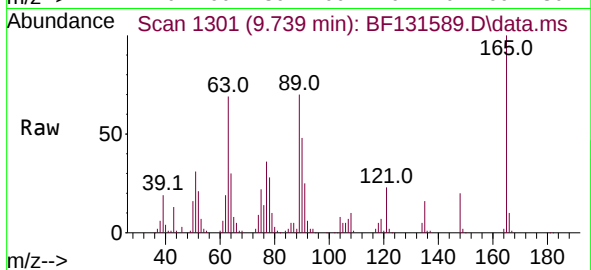
SSTDCCC040

Tgt Ion:165 Resp: 76316
 Ion Ratio Lower Upper
 165 100
 63 69.2 67.9 101.9
 89 70.2 63.2 94.8

Manual Integrations

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Reviewed By :Christian Giraldo 12/13/2022
 Supervised By :Jagrut Upadhyay 12/13/2022



#52

Acenaphthene

Concen: 41.432 ng m

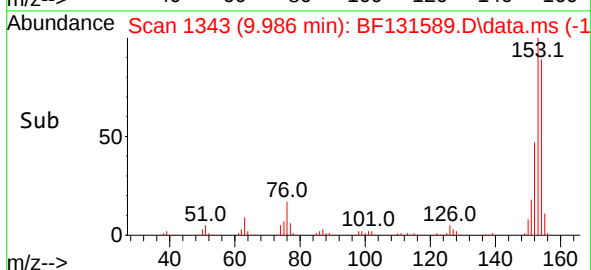
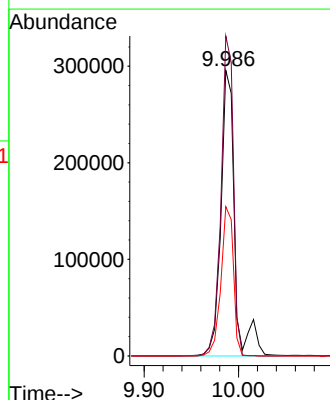
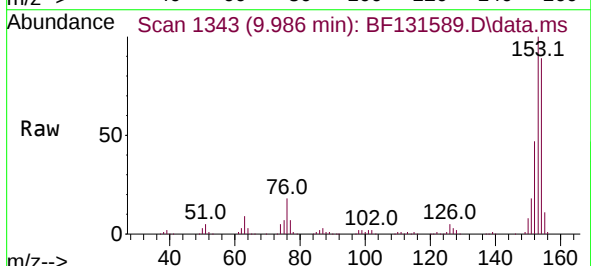
RT: 9.986 min Scan# 1343

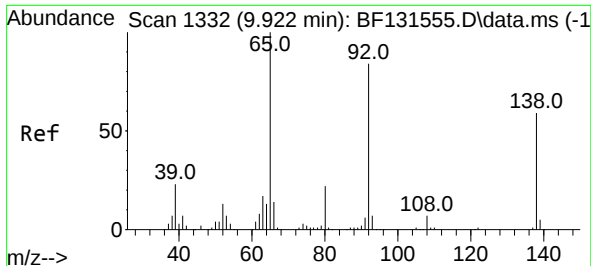
Delta R.T. 0.000 min

Lab File: BF131589.D

Acq: 12 Dec 2022 12:52

Tgt Ion:154 Resp: 299993
 Ion Ratio Lower Upper
 154 100
 153 112.1 87.9 131.9
 152 52.3 42.4 63.6





#53
3-Nitroaniline
Concen: 44.184 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

Instrument :

BNA_F

ClientSampleId :

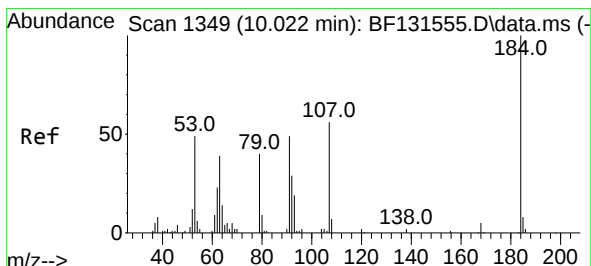
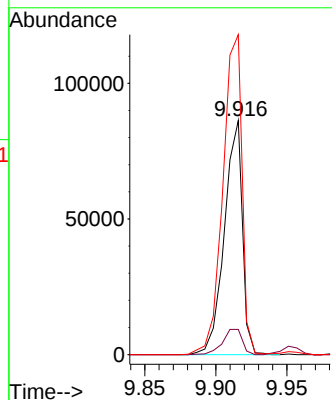
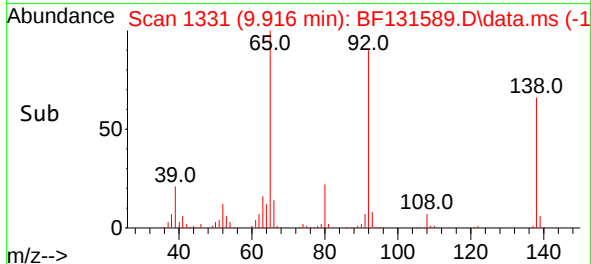
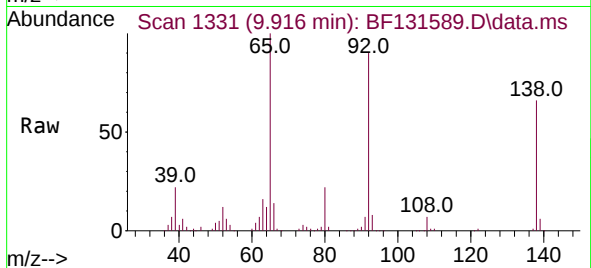
SSTDCCC040

Tgt Ion:138 Resp: 76239
Ion Ratio Lower Upper
138 100
108 10.8 9.6 14.4
92 136.7 113.4 170.0

Manual Integrations

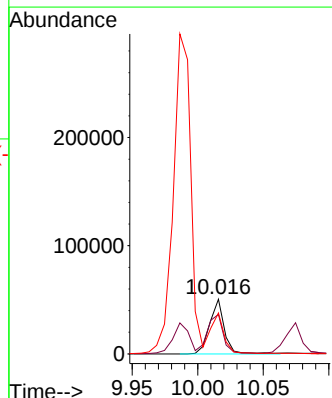
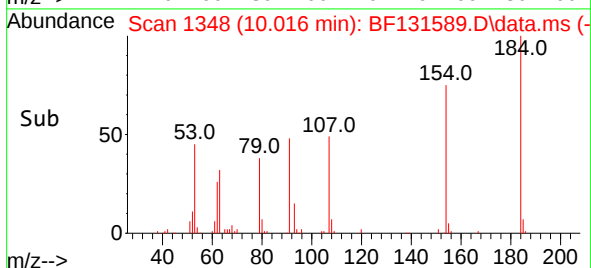
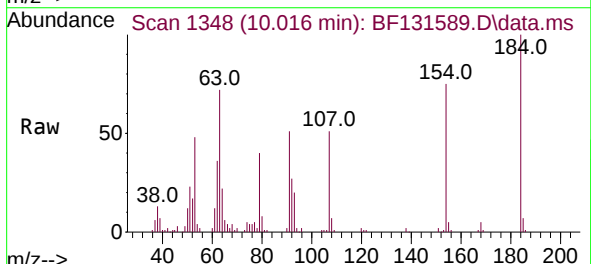
APPROVED

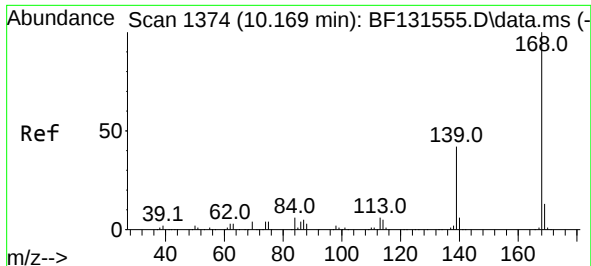
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#54
2,4-Dinitrophenol
Concen: 40.372 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

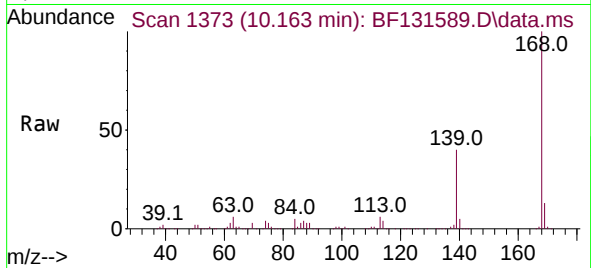
Tgt Ion:184 Resp: 39361
Ion Ratio Lower Upper
184 100
63 72.3 60.7 91.1
154 74.8 59.0 88.6





#55
Dibenzenofuran
Concen: 40.457 ng
RT: 10.163 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

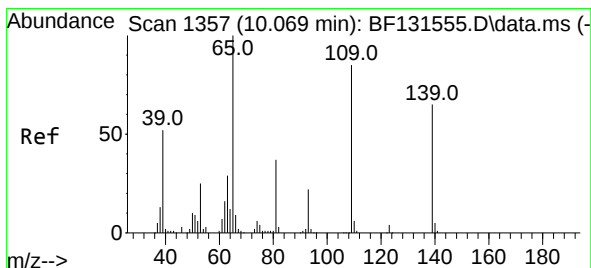
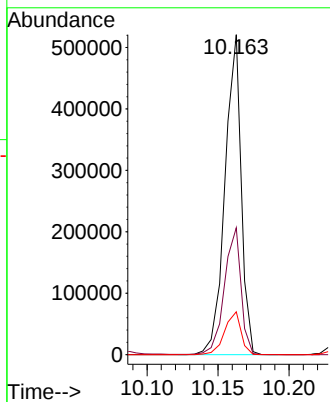
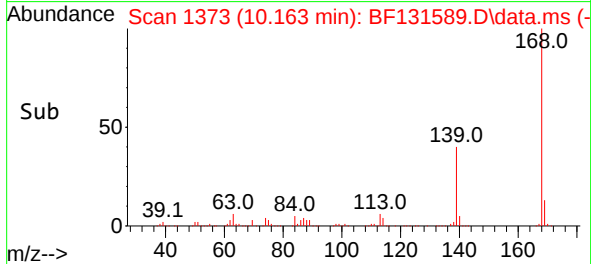
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 413899
Ion Ratio Lower Upper
168 100
139 39.6 33.9 50.9
169 13.4 10.7 16.1

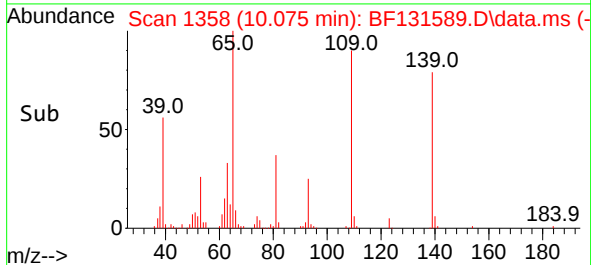
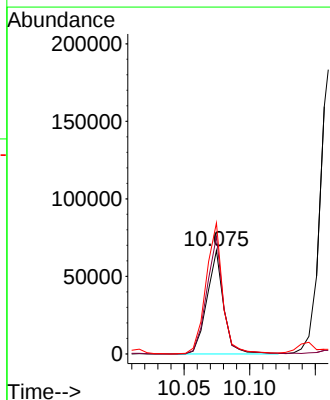
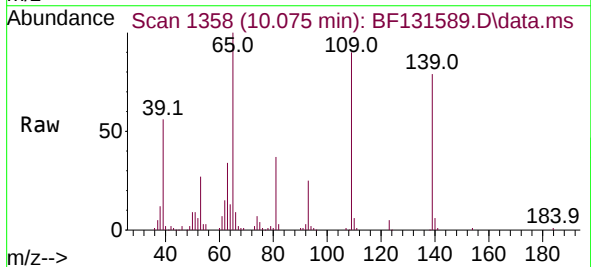
Manual Integrations
APPROVED

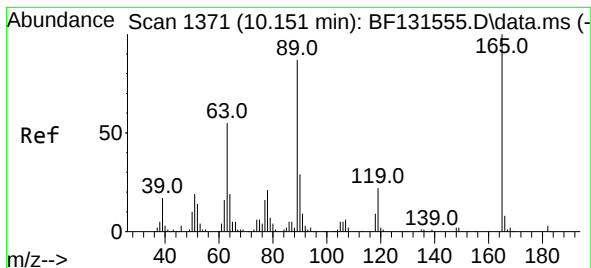
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#56
4-Nitrophenol
Concen: 48.774 ng
RT: 10.075 min Scan# 1358
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

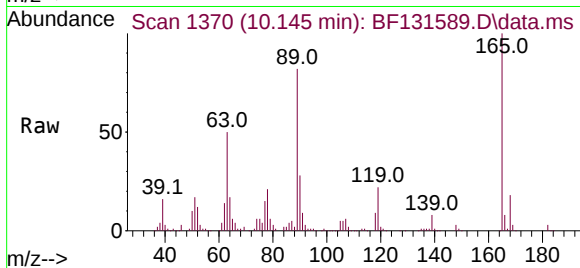
Tgt Ion:139 Resp: 58464
Ion Ratio Lower Upper
139 100
109 113.7 110.2 150.2
65 126.8 133.3 173.3#





#57
2,4-Dinitrotoluene
Concen: 44.500 ng
RT: 10.145 min Scan# 1371
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

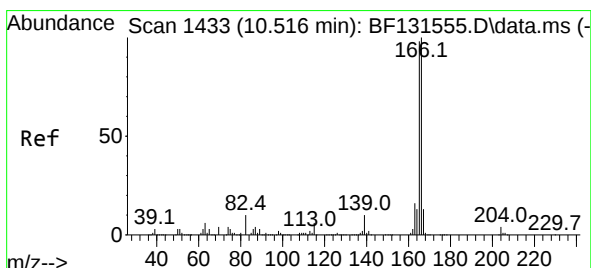
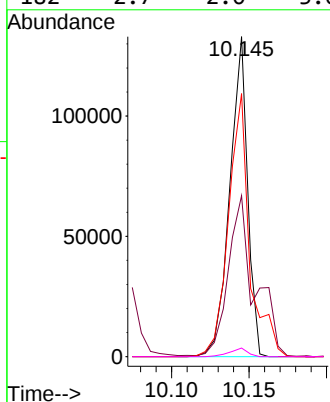
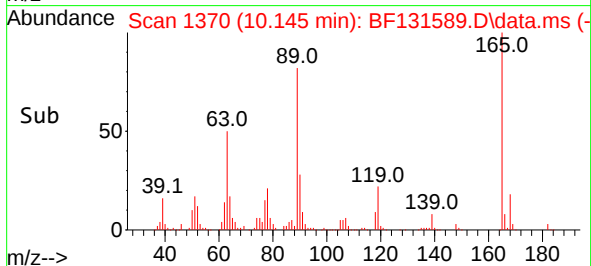
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



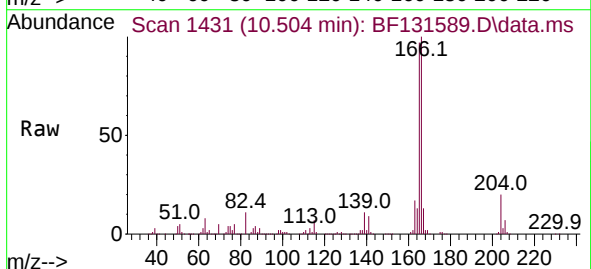
Tgt Ion:165 Resp: 106160
Ion Ratio Lower Upper
165 100
63 50.3 44.4 66.6
89 82.2 69.6 104.4
182 2.7 2.0 3.0

Manual Integrations
APPROVED

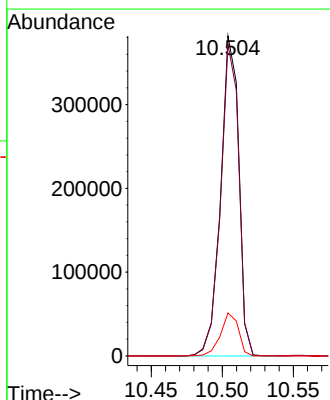
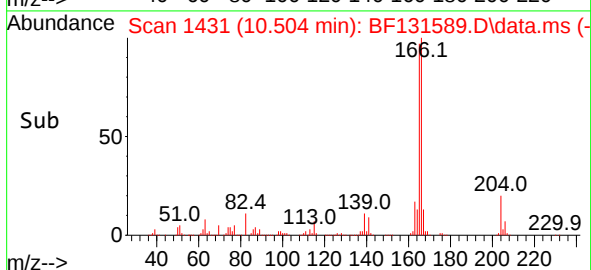
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

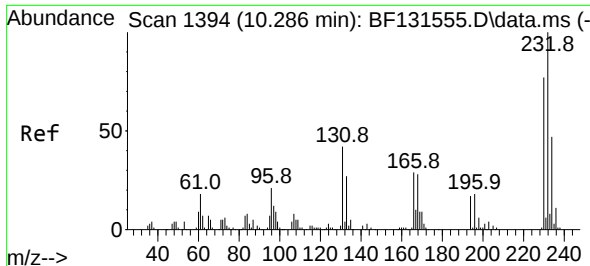


#58
Fluorene
Concen: 40.910 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52



Tgt Ion:166 Resp: 340253
Ion Ratio Lower Upper
166 100
165 97.4 78.4 117.6
167 13.4 10.7 16.1





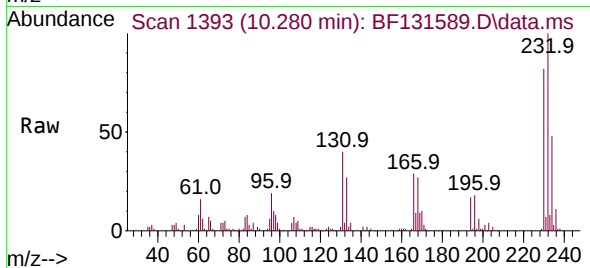
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.812 ng m
RT: 10.280 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

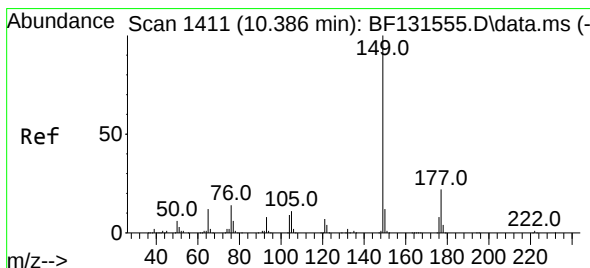
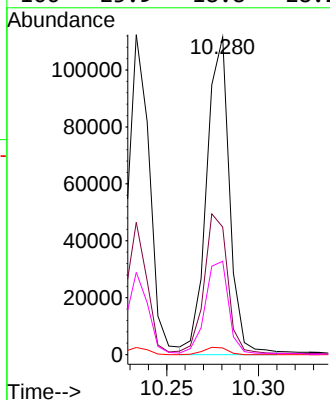
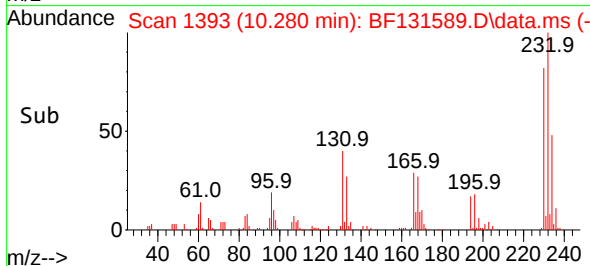


Tgt Ion:232 Resp: 97245
Ion Ratio Lower Upper
232 100
131 37.1 31.0 46.6
130 2.2 1.8 2.8
166 23.9 18.8 28.2

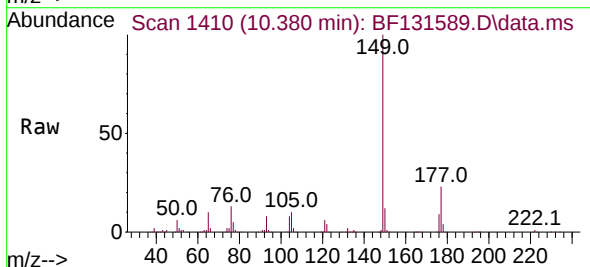
Manual Integrations

APPROVED

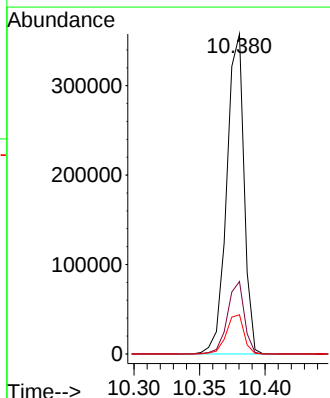
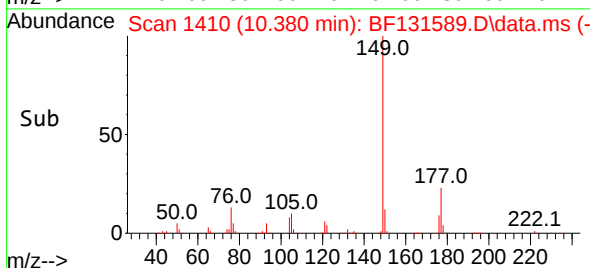
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

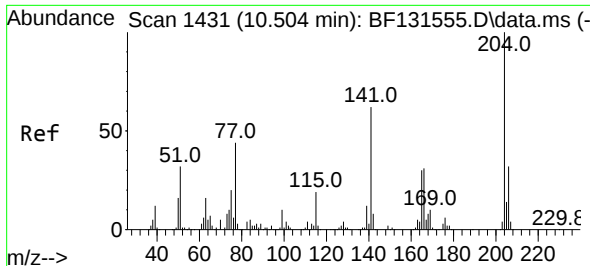


#60
Diethylphthalate
Concen: 39.403 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52



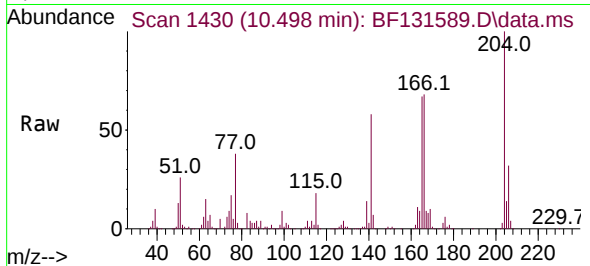
Tgt Ion:149 Resp: 329388
Ion Ratio Lower Upper
149 100
177 22.6 17.4 26.2
150 12.2 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 38.549 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

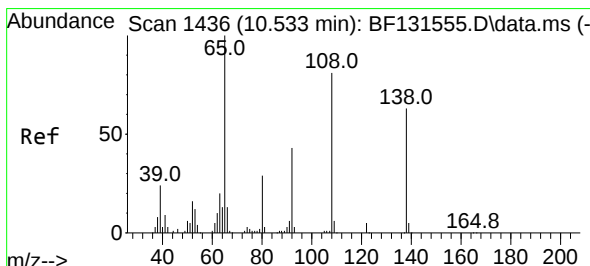
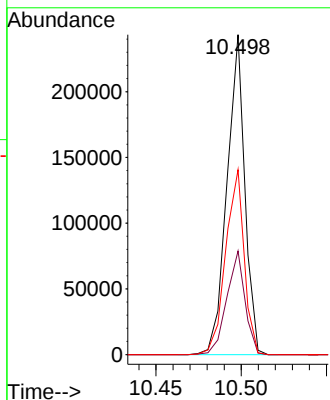
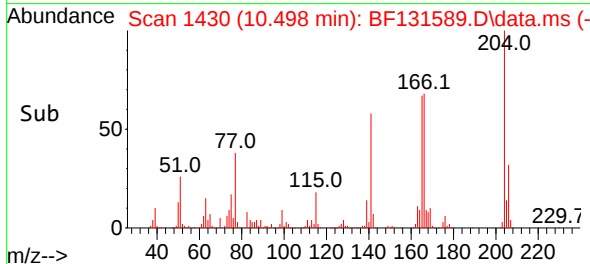
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:204 Resp: 177180
Ion Ratio Lower Upper
204 100
206 32.4 25.4 38.2
141 57.8 49.5 74.3

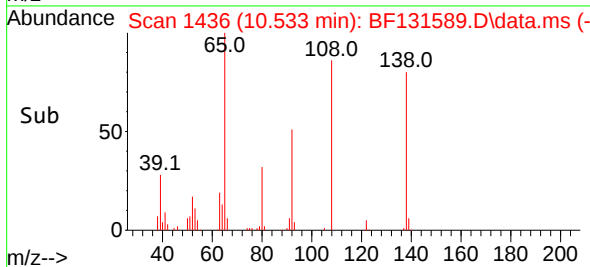
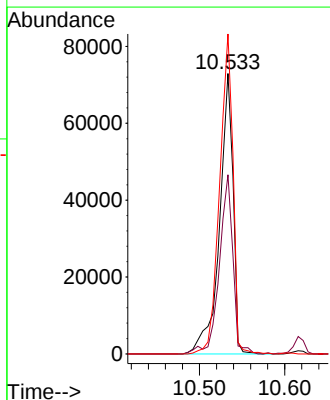
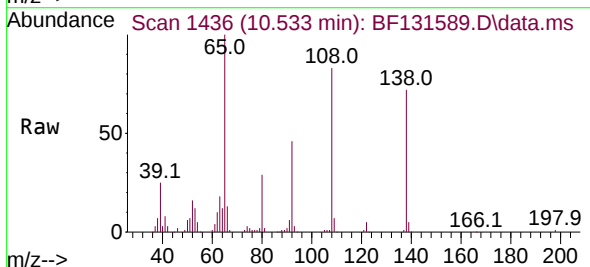
Manual Integrations
APPROVED

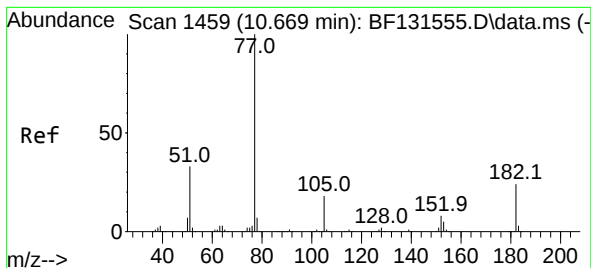
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#62
4-Nitroaniline
Concen: 47.134 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

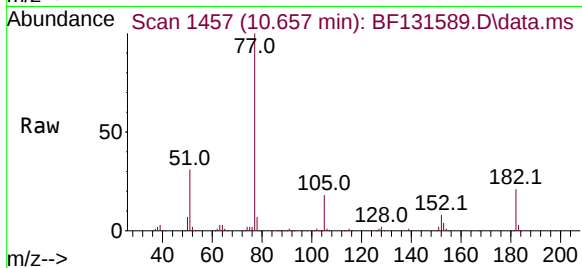
Tgt Ion:138 Resp: 80593
Ion Ratio Lower Upper
138 100
92 63.9 47.5 87.5
108 114.1 108.8 148.8





#63
Azobenzene
Concen: 37.892 ng
RT: 10.657 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

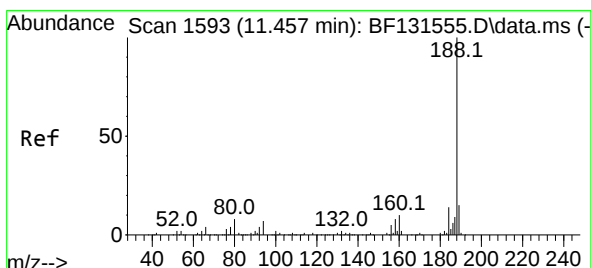
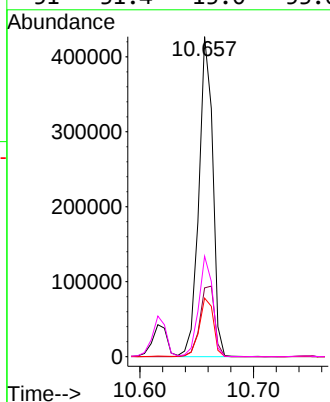
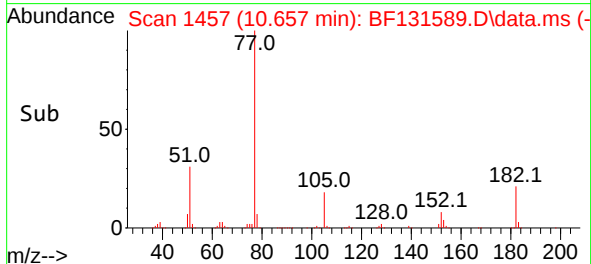
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



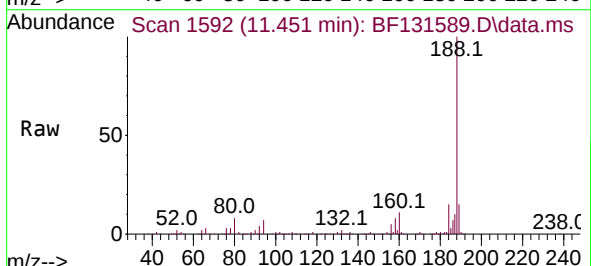
Tgt Ion: 77 Resp: 361283
Ion Ratio Lower Upper
77 100
182 21.5 3.9 43.9
105 18.3 0.0 38.3
51 31.4 13.0 53.0

Manual Integrations
APPROVED

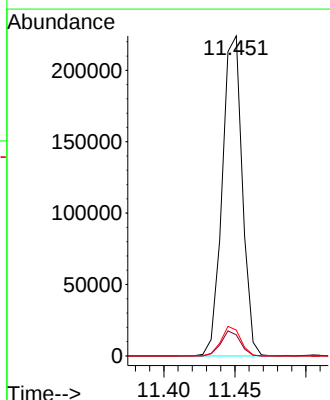
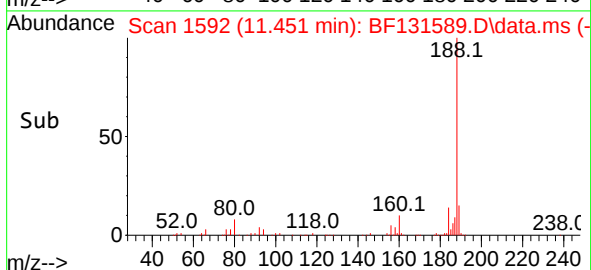
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

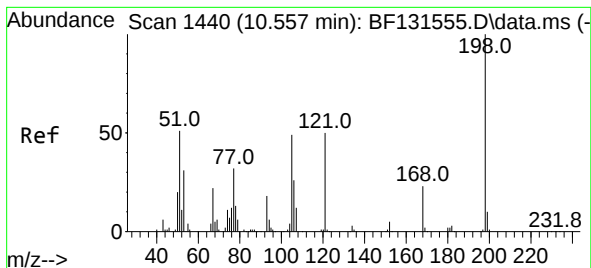


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1592
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52



Tgt Ion:188 Resp: 220520
Ion Ratio Lower Upper
188 100
94 6.6 5.5 8.3
80 8.1 6.6 10.0





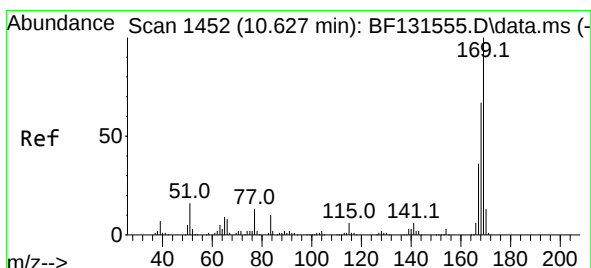
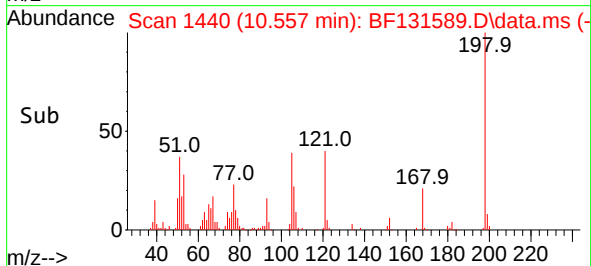
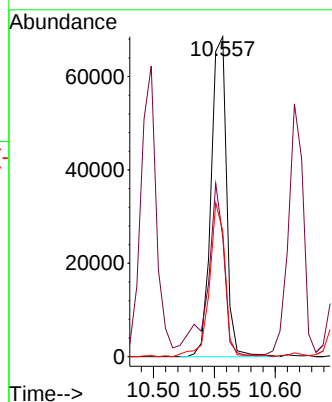
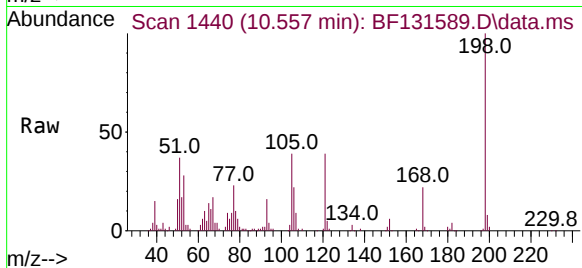
#65
4,6-Dinitro-2-methylphenol
Concen: 43.573 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 60859
Ion Ratio Lower Upper
198 100
51 37.2 36.7 76.7
105 39.3 29.9 69.9

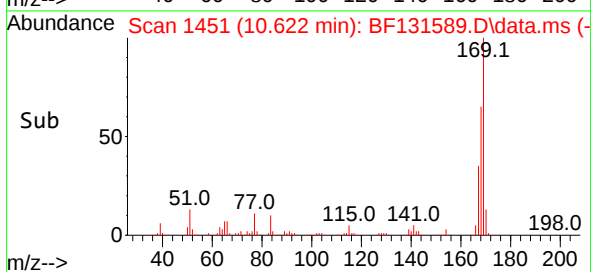
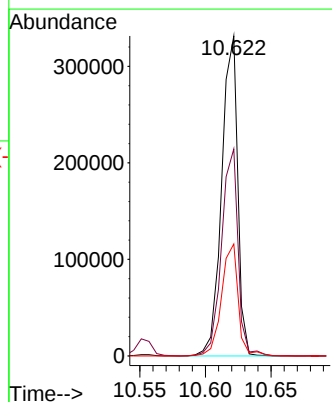
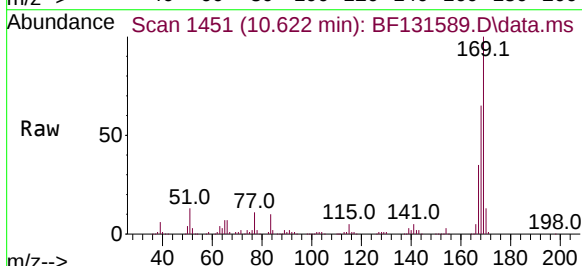
Manual Integrations
APPROVED

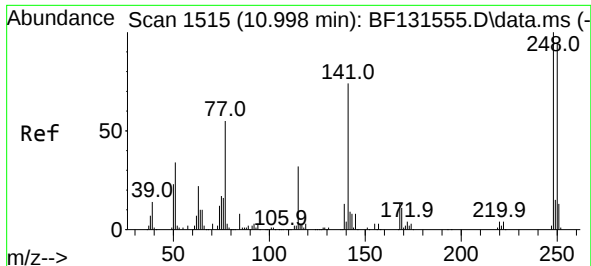
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#66
n-Nitrosodiphenylamine
Concen: 39.650 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

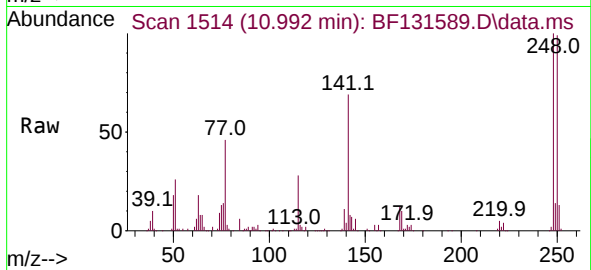
Tgt Ion:169 Resp: 282675
Ion Ratio Lower Upper
169 100
168 64.7 53.8 80.6
167 35.0 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 37.217 ng
RT: 10.992 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

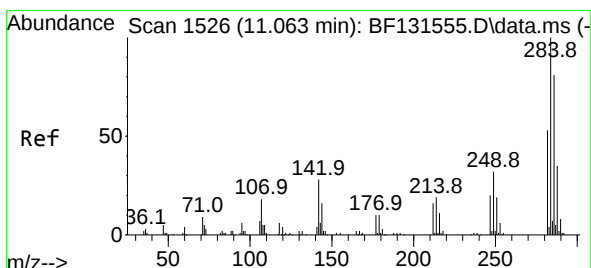
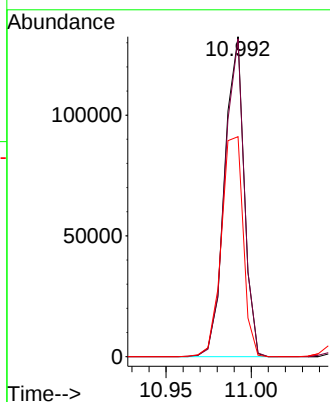
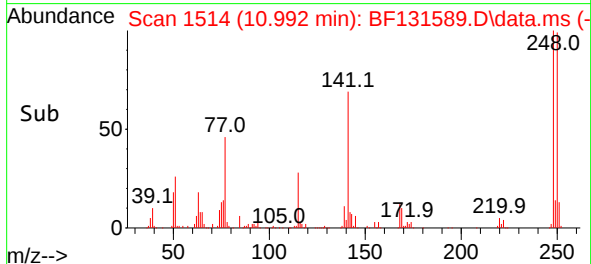
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



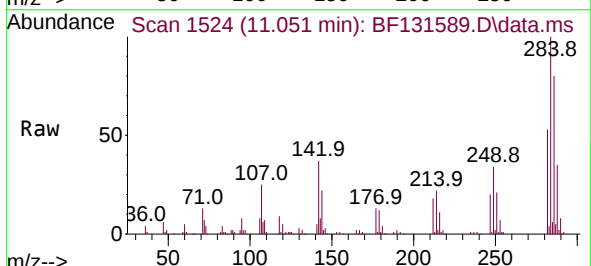
Tgt Ion:248 Resp: 105578
Ion Ratio Lower Upper
248 100
250 99.3 76.2 114.2
141 68.7 59.5 89.3

Manual Integrations
APPROVED

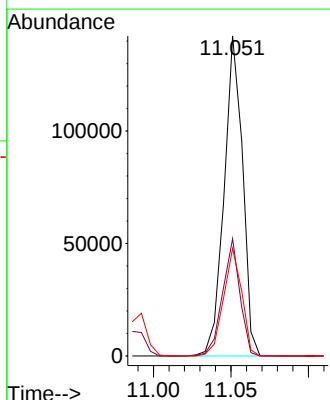
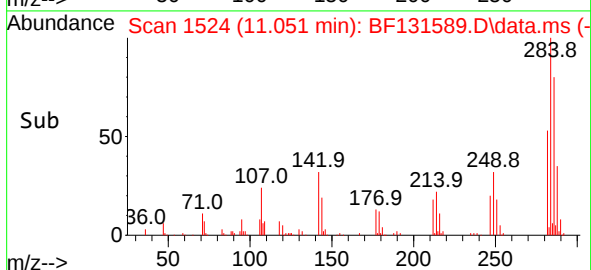
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

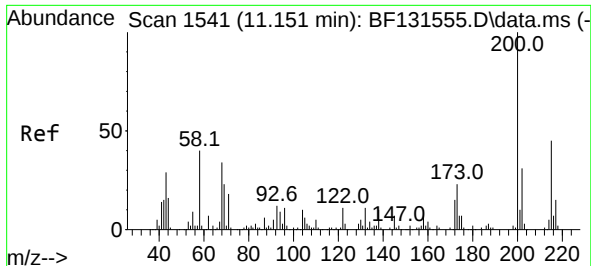


#68
Hexachlorobenzene
Concen: 38.395 ng
RT: 11.051 min Scan# 1524
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52



Tgt Ion:284 Resp: 117816
Ion Ratio Lower Upper
284 100
142 36.6 22.3 33.5#
249 33.6 25.4 38.2





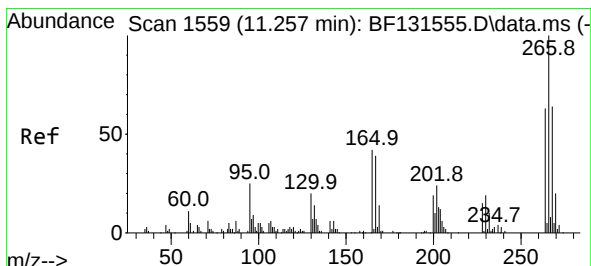
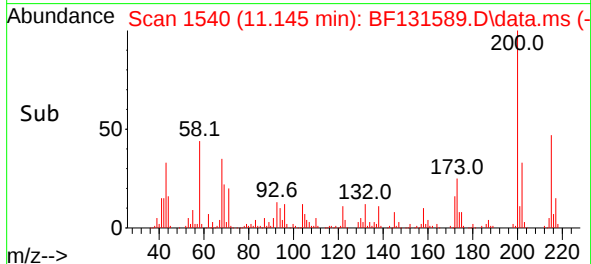
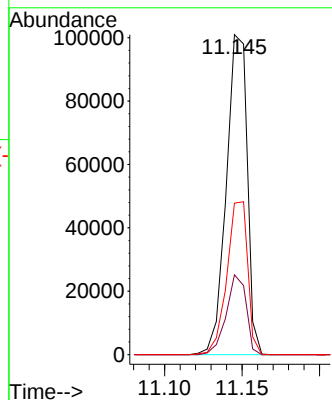
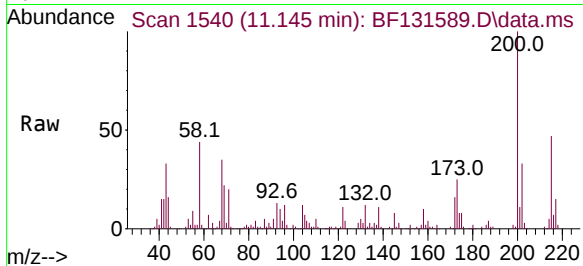
#69
Atrazine
Concen: 42.019 ng
RT: 11.145 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 95128
Ion Ratio Lower Upper
200 100
173 24.9 3.4 43.4
215 47.3 25.0 65.0

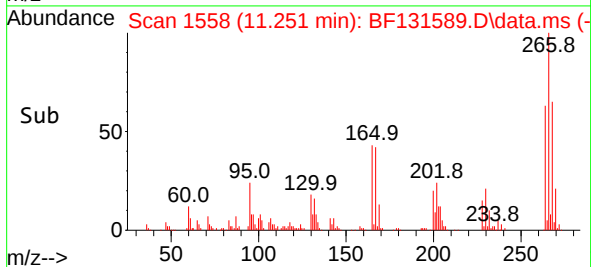
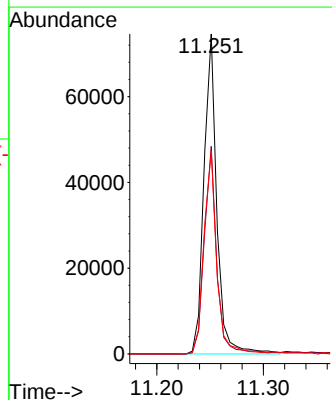
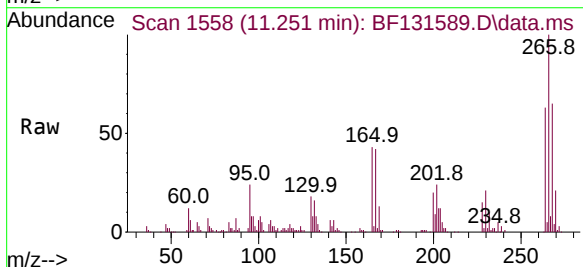
Manual Integrations
APPROVED

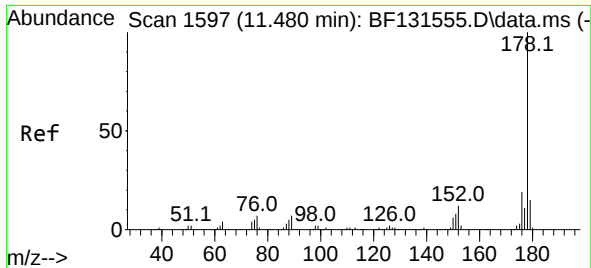
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#70
Pentachlorophenol
Concen: 39.474 ng
RT: 11.251 min Scan# 1558
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

Tgt Ion:266 Resp: 62357
Ion Ratio Lower Upper
266 100
268 64.8 51.5 77.3
264 63.4 50.7 76.1





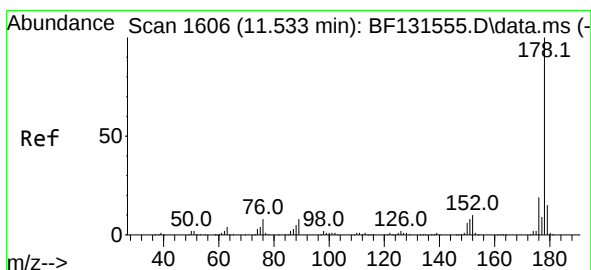
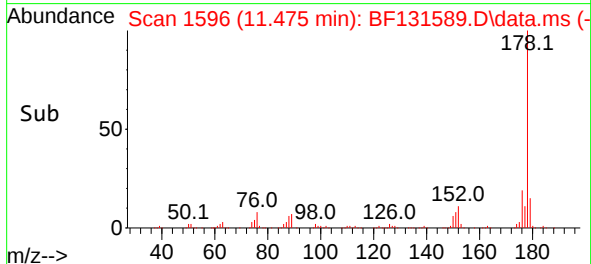
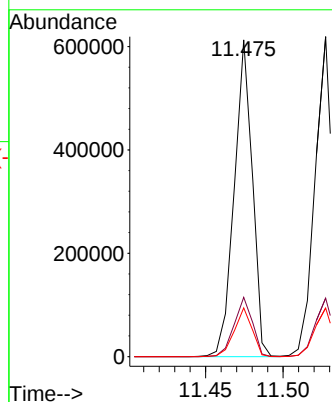
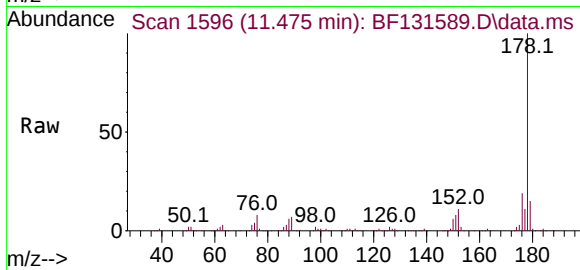
#71
Phenanthrene
Concen: 40.564 ng
RT: 11.475 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 498593
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.0
179 15.4 12.2 18.4

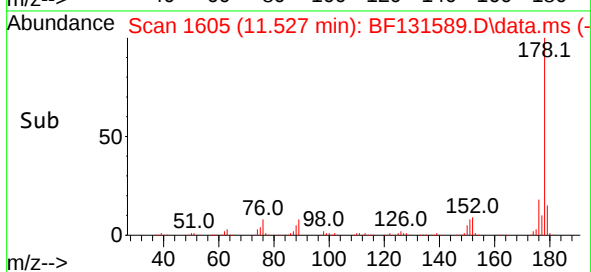
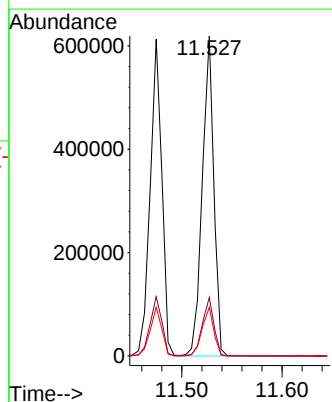
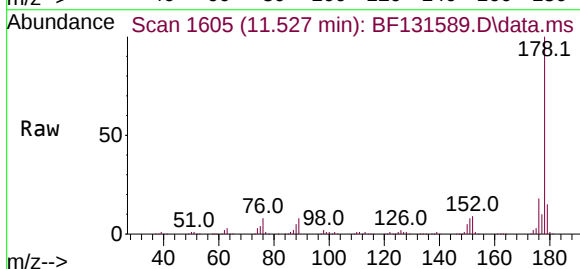
Manual Integrations
APPROVED

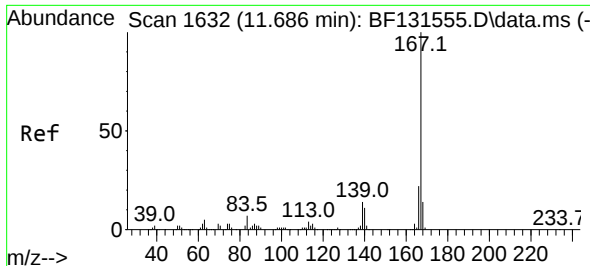
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#72
Anthracene
Concen: 41.283 ng
RT: 11.527 min Scan# 1605
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

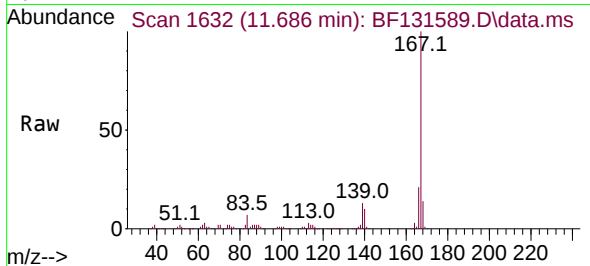
Tgt Ion:178 Resp: 493686
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.6
179 15.2 12.3 18.5





#73
 Carbazole
 Concen: 44.292 ng
 RT: 11.686 min Scan# 1632
 Delta R.T. 0.000 min
 Lab File: BF131589.D
 Acq: 12 Dec 2022 12:52

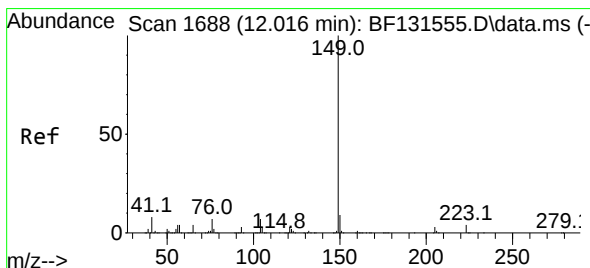
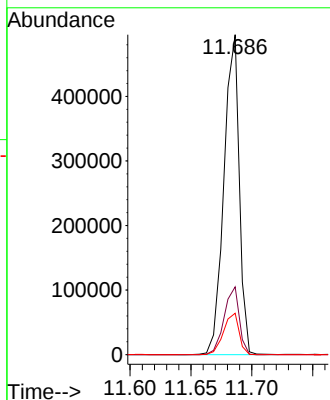
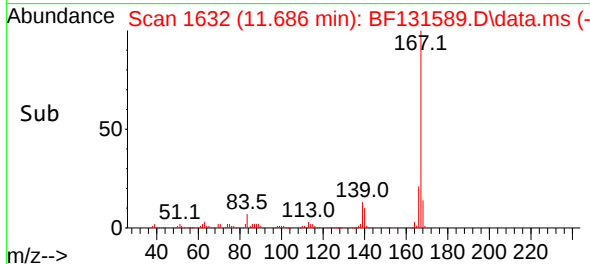
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



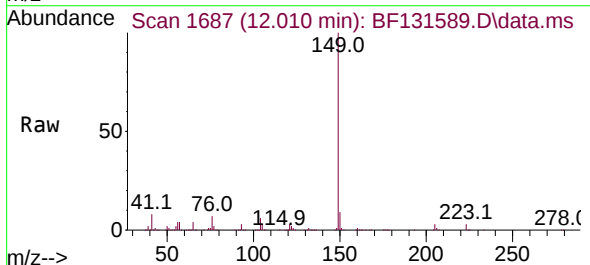
Tgt Ion:167 Resp: 432336
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.4 26.0
 139 12.9 11.0 16.4

Manual Integrations
 APPROVED

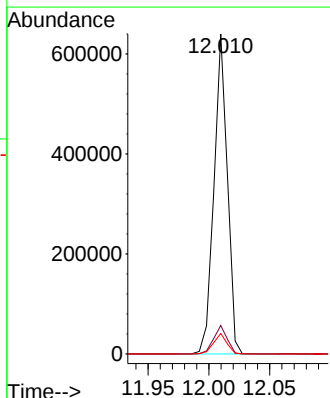
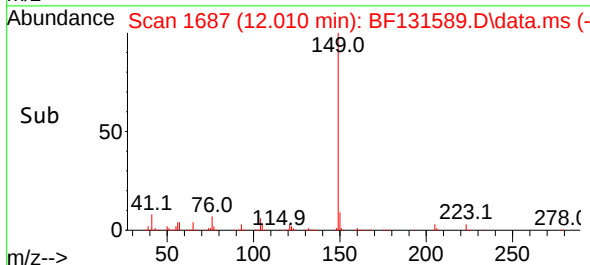
Reviewed By :Christian Giraldo 12/13/2022
 Supervised By :Jagrut Upadhyay 12/13/2022

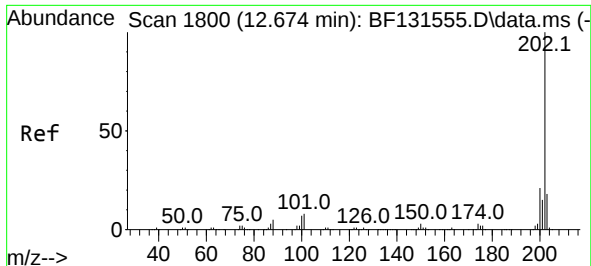


#74
 Di-n-butylphthalate
 Concen: 40.697 ng
 RT: 12.010 min Scan# 1687
 Delta R.T. 0.000 min
 Lab File: BF131589.D
 Acq: 12 Dec 2022 12:52



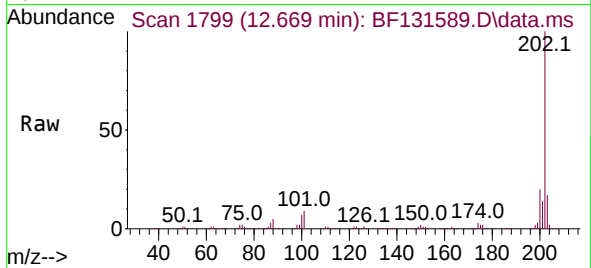
Tgt Ion:149 Resp: 487354
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.2 10.8
 104 6.4 5.2 7.8





#75
Fluoranthene
Concen: 45.319 ng
RT: 12.669 min Scan# 1799
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

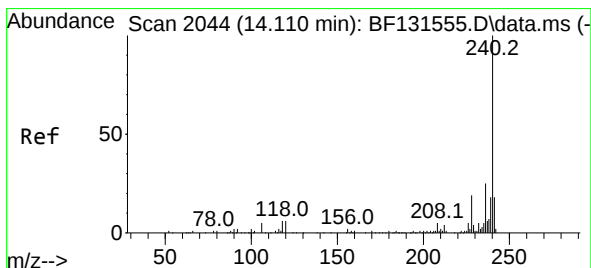
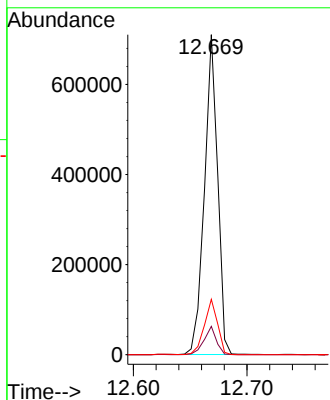
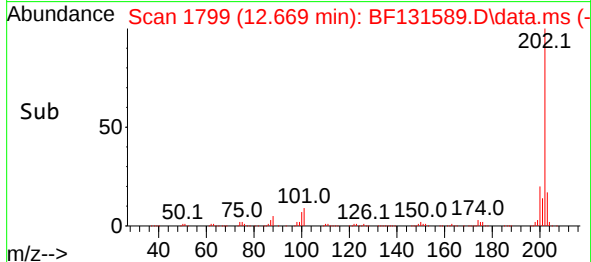
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



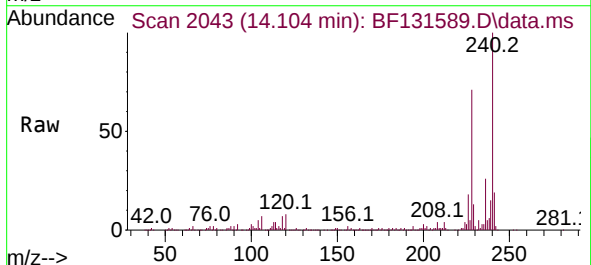
Tgt Ion:202 Resp: 573609
Ion Ratio Lower Upper
202 100
101 8.8 0.0 27.7
203 17.3 0.0 37.7

Manual Integrations
APPROVED

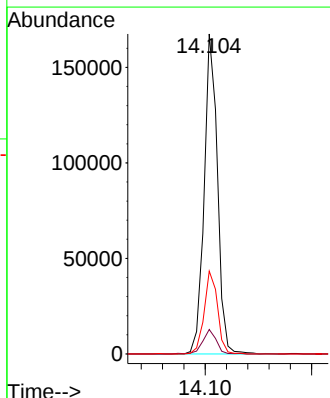
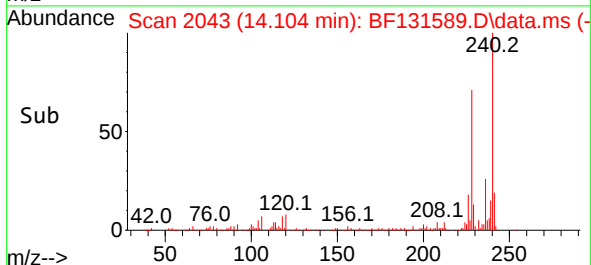
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

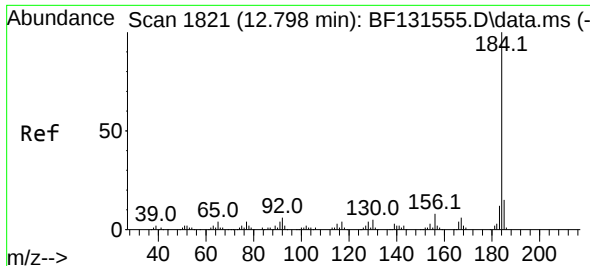


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52



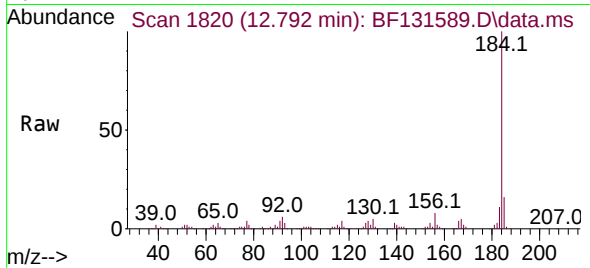
Tgt Ion:240 Resp: 144087
Ion Ratio Lower Upper
240 100
120 7.6 4.6 7.0#
236 25.9 20.2 30.2





#77
Benzidine
Concen: 30.765 ng
RT: 12.792 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

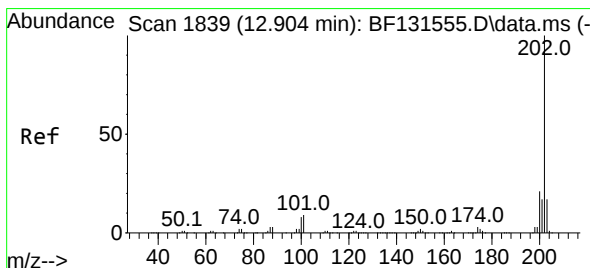
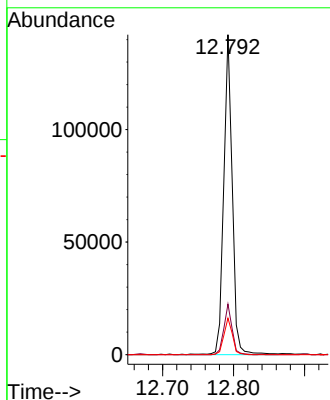
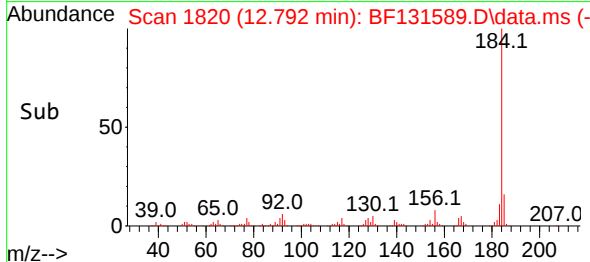
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



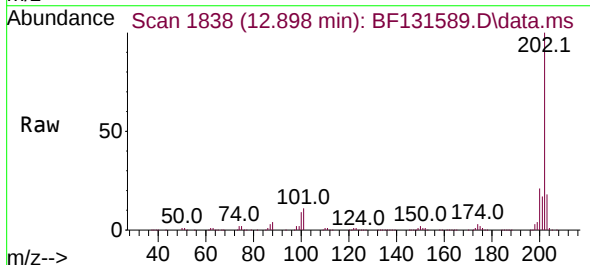
Tgt Ion:184 Resp: 118774
Ion Ratio Lower Upper
184 100
185 15.8 12.2 18.2
183 11.4 9.3 13.9

Manual Integrations
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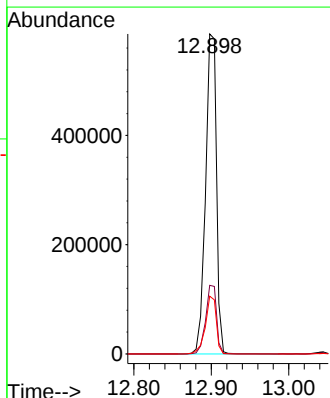
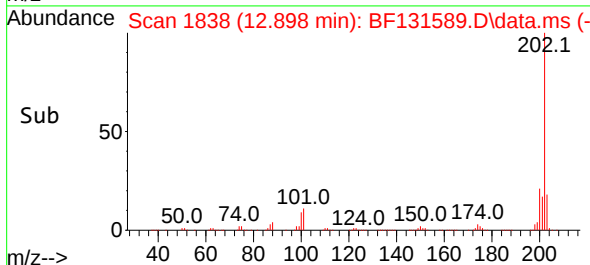
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

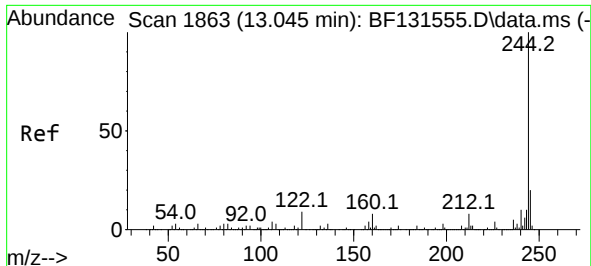


#78
Pyrene
Concen: 40.232 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52



Tgt Ion:202 Resp: 571611
Ion Ratio Lower Upper
202 100
200 21.5 16.7 25.1
203 18.0 13.8 20.6





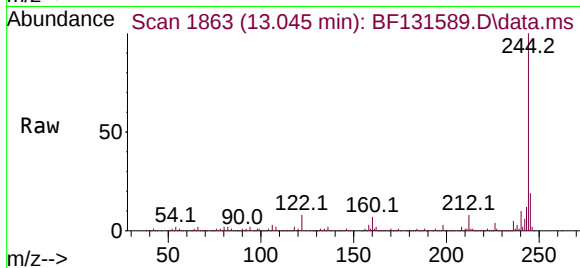
#79
 Terphenyl-d14
 Concen: 77.991 ng
 RT: 13.045 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: BF131589.D
 Acq: 12 Dec 2022 12:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

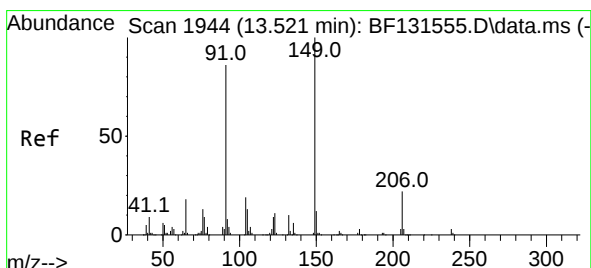
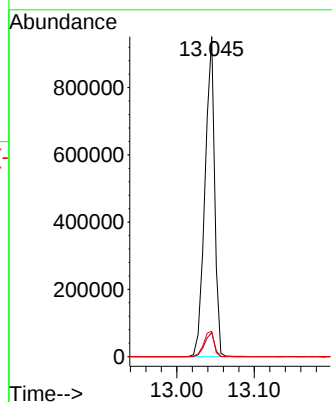
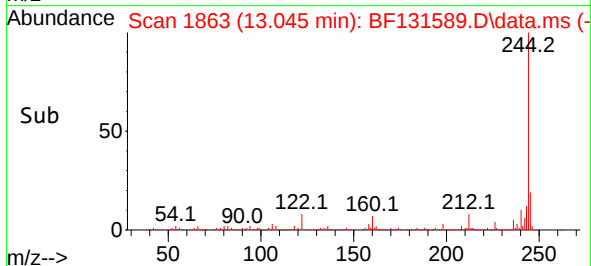


Tgt Ion:244 Resp: 819416
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 7.9 7.1 10.7

Manual Integrations

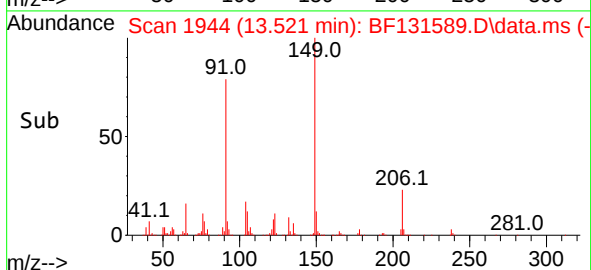
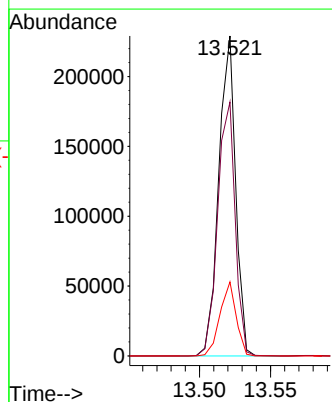
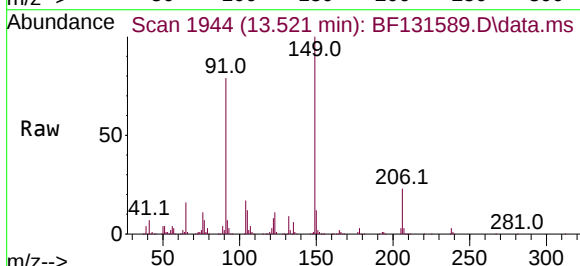
APPROVED

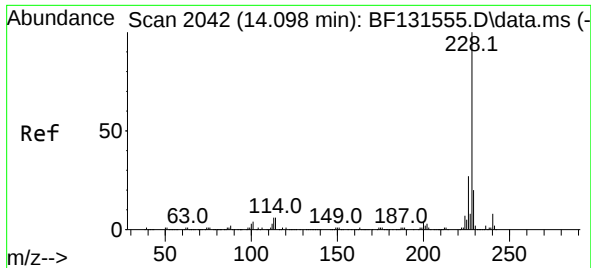
Reviewed By :Christian Giraldo 12/13/2022
 Supervised By :Jagrut Upadhyay 12/13/2022



#80
 Butylbenzylphthalate
 Concen: 46.142 ng
 RT: 13.521 min Scan# 1944
 Delta R.T. 0.000 min
 Lab File: BF131589.D
 Acq: 12 Dec 2022 12:52

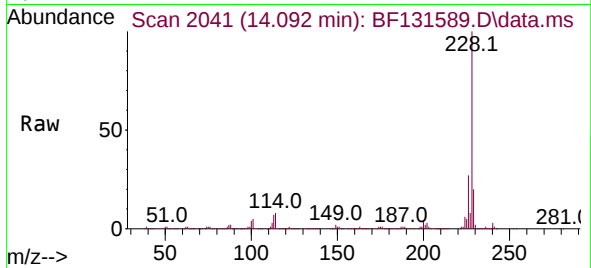
Tgt Ion:149 Resp: 189720
 Ion Ratio Lower Upper
 149 100
 91 79.3 69.0 103.4
 206 23.1 17.8 26.8





#81
Benzo(a)anthracene
Concen: 43.310 ng
RT: 14.092 min Scan# 2041
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

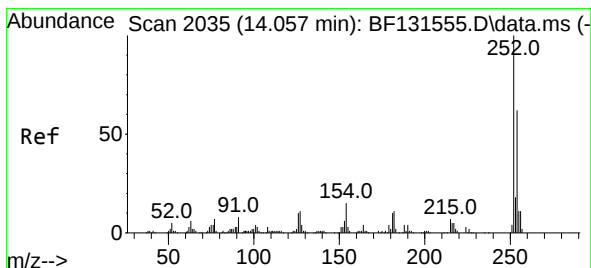
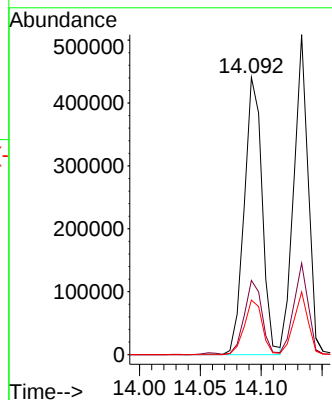
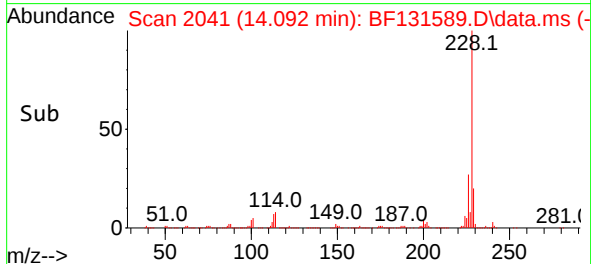
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



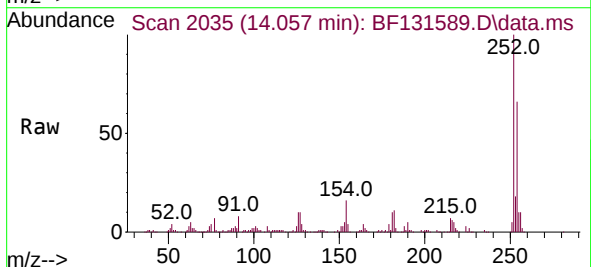
Tgt Ion:228 Resp: 450655
Ion Ratio Lower Upper
228 100
226 26.8 21.5 32.3
229 19.7 15.8 23.6

Manual Integrations
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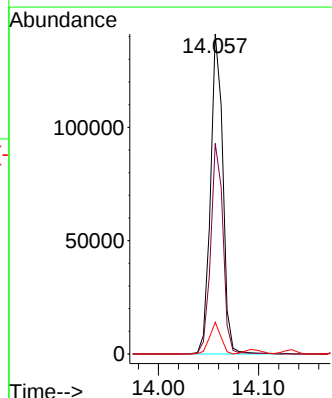
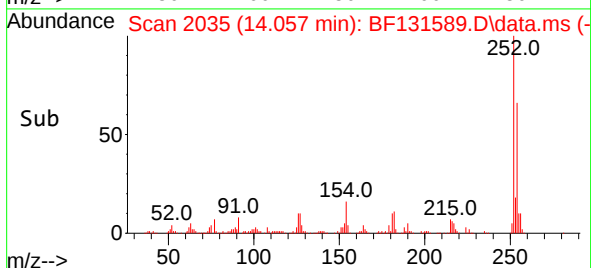
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

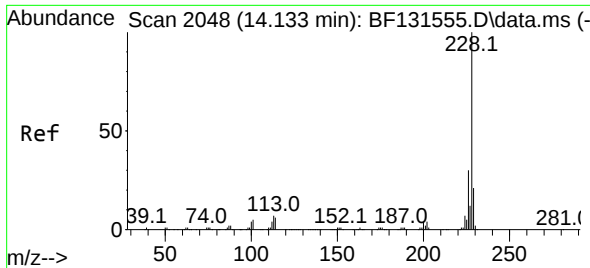


#82
3,3'-Dichlorobenzidine
Concen: 40.565 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52



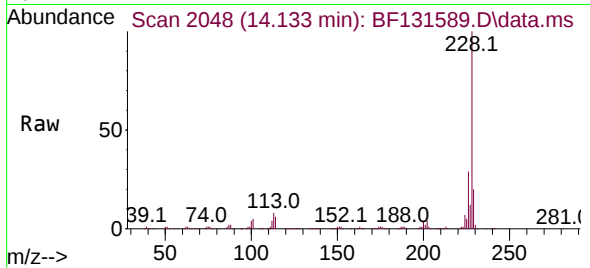
Tgt Ion:252 Resp: 120091
Ion Ratio Lower Upper
252 100
254 65.8 49.6 74.4
126 9.9 7.9 11.9





#83
Chrysene
Concen: 42.576 ng
RT: 14.133 min Scan# 2048
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

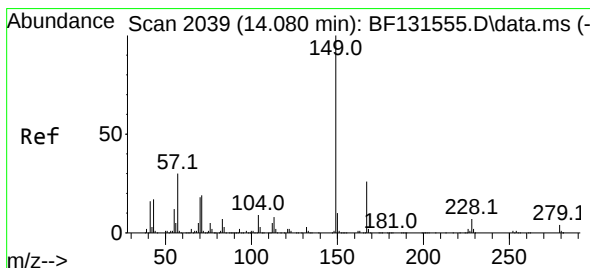
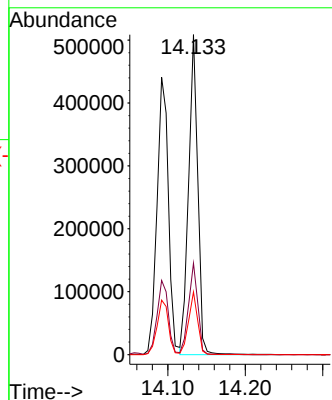
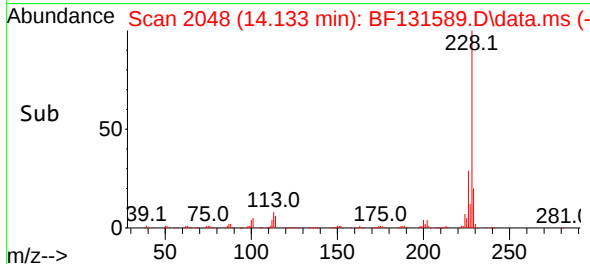
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



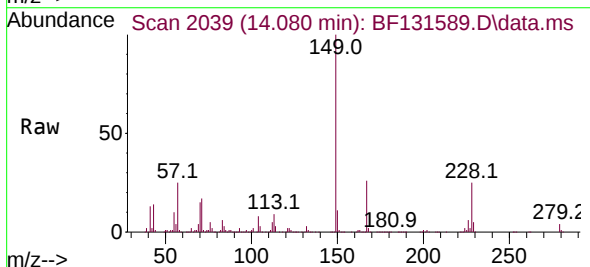
Tgt Ion:228 Resp: 421172
Ion Ratio Lower Upper
228 100
226 28.6 23.9 35.9
229 19.6 16.7 25.1

Manual Integrations
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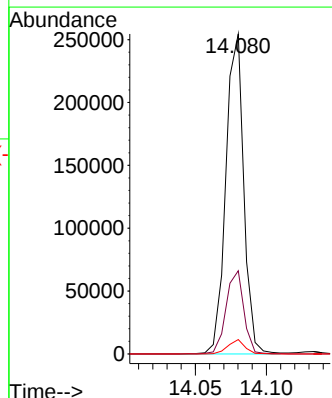
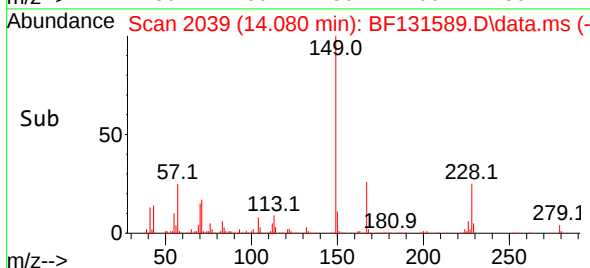
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

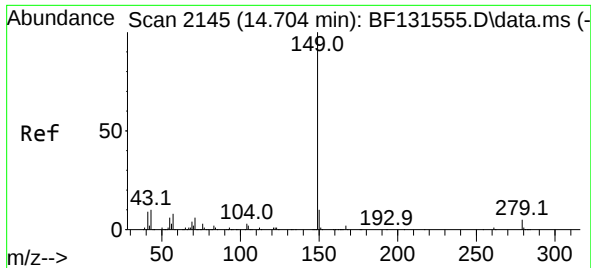


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.421 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52



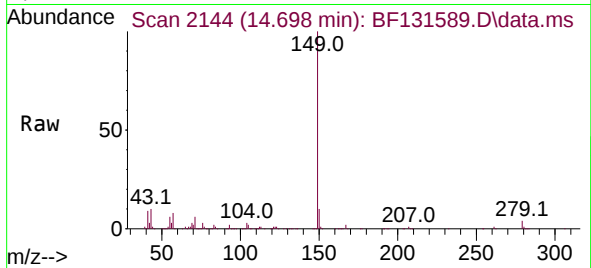
Tgt Ion:149 Resp: 223550
Ion Ratio Lower Upper
149 100
167 26.0 20.8 31.2
279 4.5 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 33.283 ng
RT: 14.698 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

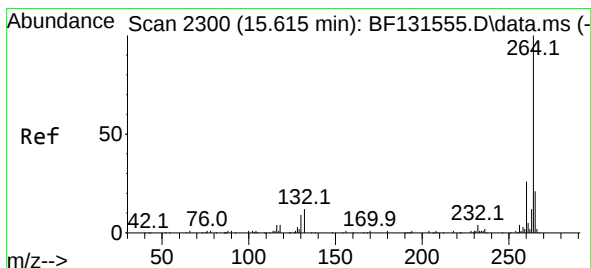
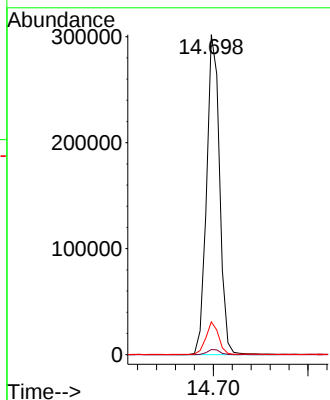
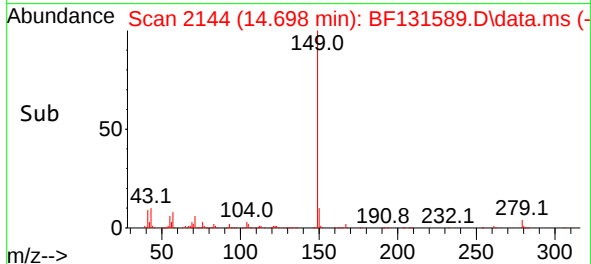
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



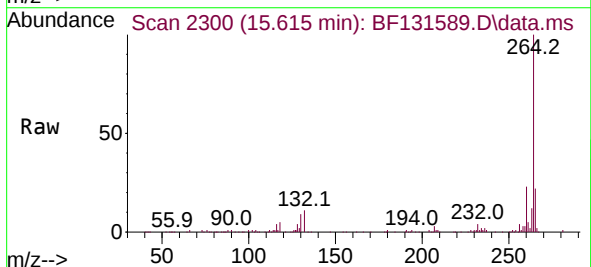
Tgt Ion:149 Resp: 289008
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.8 8.6 13.0

Manual Integrations
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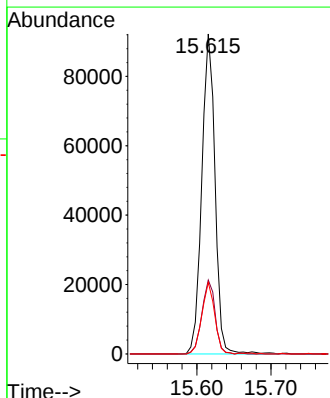
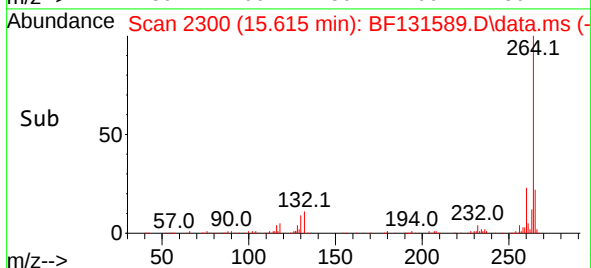
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

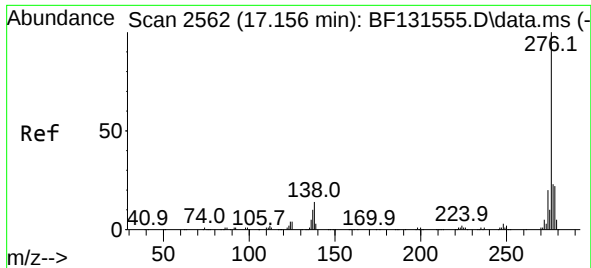


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.615 min Scan# 2300
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52



Tgt Ion:264 Resp: 114232
Ion Ratio Lower Upper
264 100
260 23.1 20.6 30.8
265 22.3 16.8 25.2





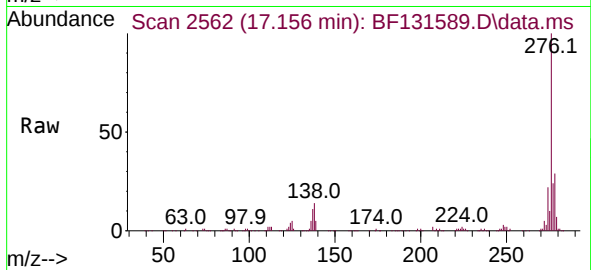
#87
Indeno(1,2,3-cd)pyrene
Concen: 37.041 ng
RT: 17.156 min Scan# 2562
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

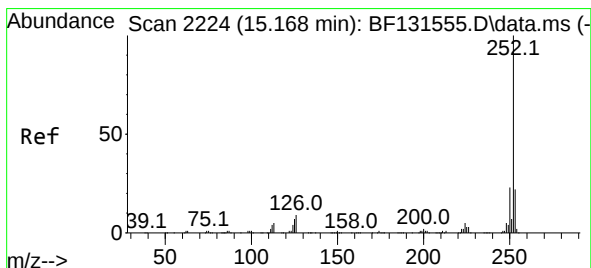
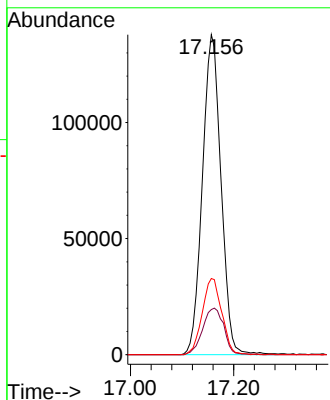
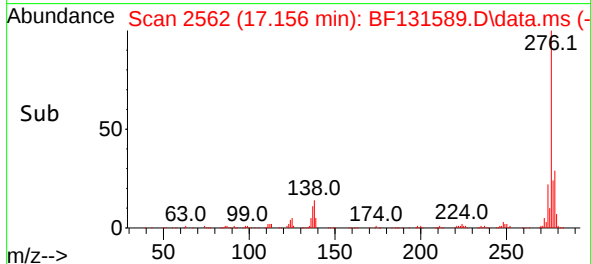


Tgt Ion:276 Resp: 345315
Ion Ratio Lower Upper
276 100
138 16.4 12.7 19.1
277 24.8 20.0 30.0

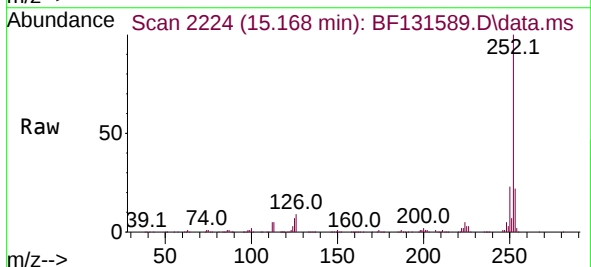
Manual Integrations

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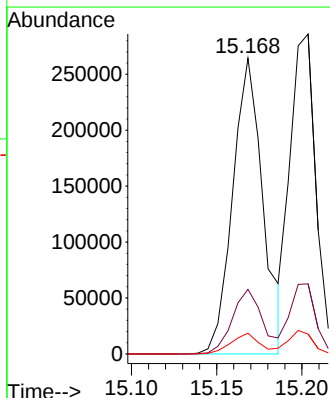
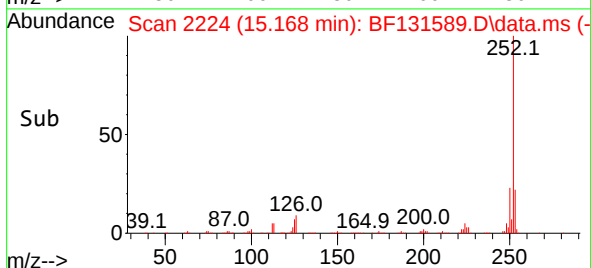
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

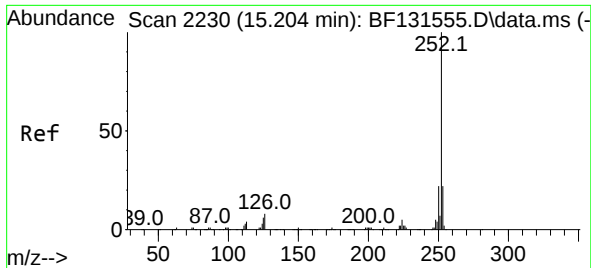


#88
Benzo(b)fluoranthene
Concen: 43.390 ng
RT: 15.168 min Scan# 2224
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52



Tgt Ion:252 Resp: 326680
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 7.0 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 38.807 ng

RT: 15.204 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF131589.D

Acq: 12 Dec 2022 12:52

Instrument :

BNA_F

ClientSampleId :

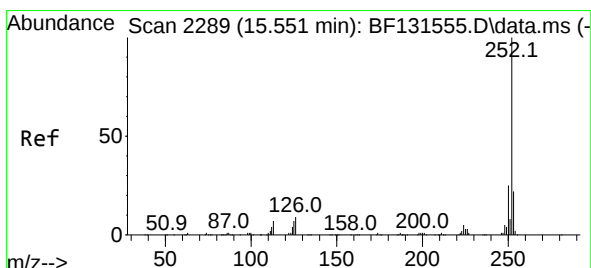
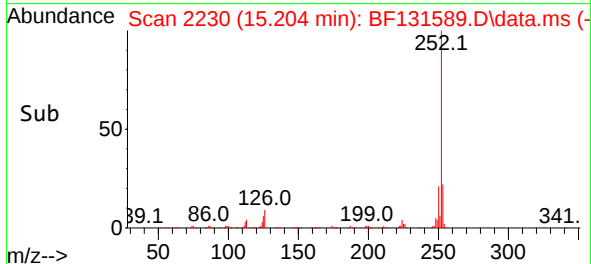
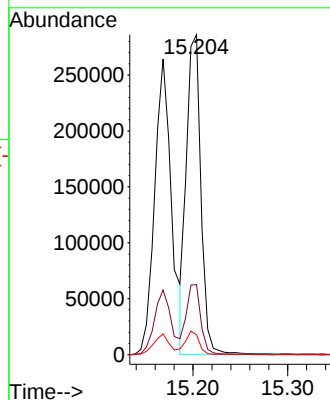
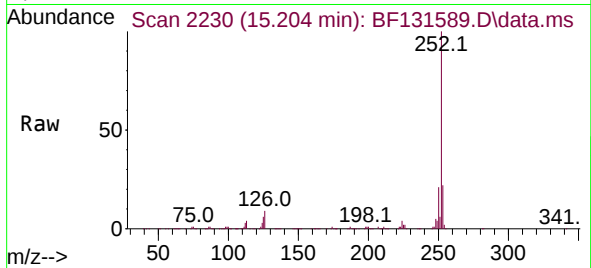
SSTDCCC040

Tgt Ion:252 Resp: 30495
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.7 26.5
 125 6.2 4.9 7.3

Manual Integrations

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Reviewed By :Christian Giraldo 12/13/2022
 Supervised By :Jagrut Upadhyay 12/13/2022



#90

Benzo(a)pyrene

Concen: 39.976 ng

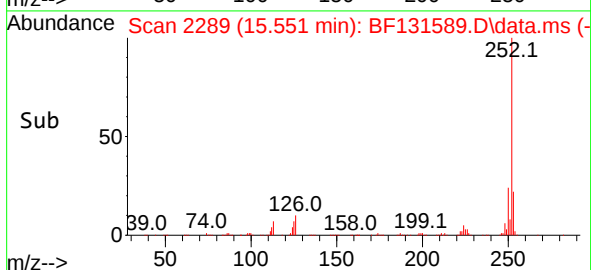
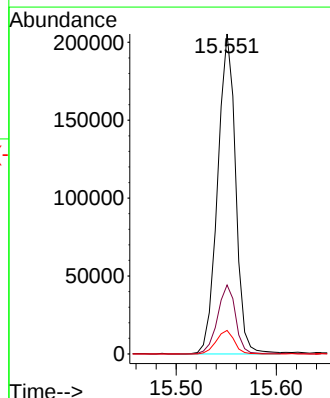
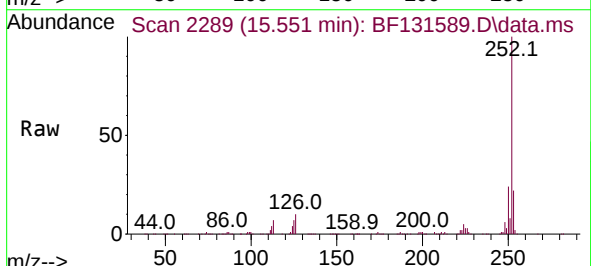
RT: 15.551 min Scan# 2289

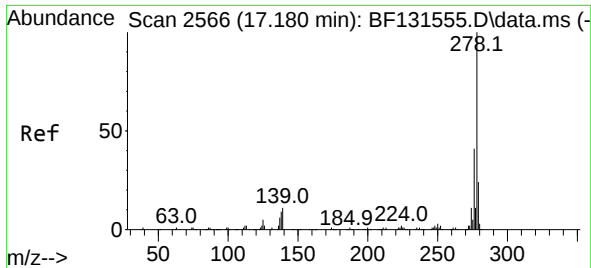
Delta R.T. 0.000 min

Lab File: BF131589.D

Acq: 12 Dec 2022 12:52

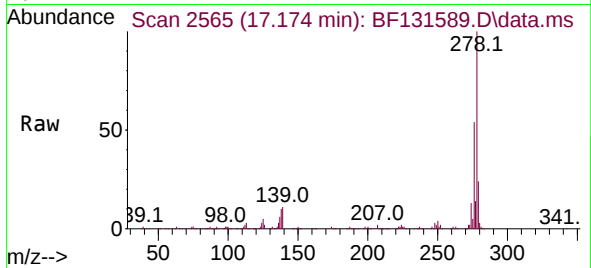
Tgt Ion:252 Resp: 256850
 Ion Ratio Lower Upper
 252 100
 253 21.5 17.5 26.3
 125 7.3 5.6 8.4





#91
Dibenzo(a,h)anthracene
Concen: 36.279 ng
RT: 17.174 min Scan# 2566
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

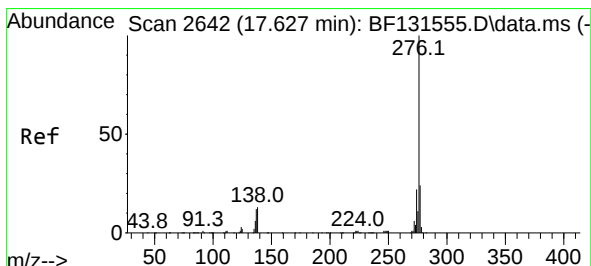
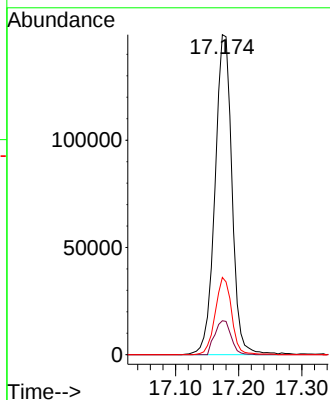
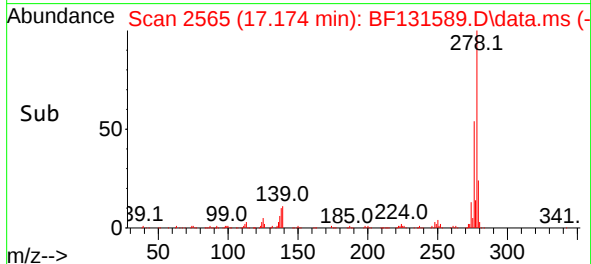
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:278 Resp: 278356
Ion Ratio Lower Upper
278 100
139 10.6 8.9 13.3
279 24.1 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#92
Benzo(g,h,i)perylene
Concen: 36.707 ng
RT: 17.627 min Scan# 2642
Delta R.T. 0.000 min
Lab File: BF131589.D
Acq: 12 Dec 2022 12:52

Tgt Ion:276 Resp: 283056
Ion Ratio Lower Upper
276 100
277 23.3 19.0 28.6
138 13.7 10.7 16.1

