

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
 Data File : BF131591.D
 Acq On : 12 Dec 2022 14:00
 Operator : CG\JU
 Sample : PB149551BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149551BS

Manual Integrations
 APPROVED

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

Quant Time: Dec 13 04:14:10 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	67024	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	251272	20.000	ng	0.00
39) Acenaphthene-d10	9.951	164	152374	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	293556	20.000	ng	0.00
76) Chrysene-d12	14.104	240	187766	20.000	ng	# 0.00
86) Perylene-d12	15.615	264	143582	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	532084	132.440	ng	0.02
7) Phenol-d6	6.534	99	683278	129.785	ng	0.00
23) Nitrobenzene-d5	7.469	82	464130	69.834	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	208214	122.991	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	814548	67.403	ng	0.00
79) Terphenyl-d14	13.045	244	998163	72.904	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.746	88	64576	35.610	ng	96
3) Pyridine	3.493	79	167380	33.245	ng	96
4) n-Nitrosodimethylamine	3.463	42	106609	38.395	ng	# 98
6) Aniline	6.557	93	225109	35.752	ng	96
8) 2-Chlorophenol	6.681	128	182497	42.864	ng	95
9) Benzaldehyde	6.439	77	23320	6.466	ng	93
10) Phenol	6.545	94	262562m	44.711	ng	
11) bis(2-Chloroethyl)ether	6.634	93	189897	43.139	ng	94
12) 1,3-Dichlorobenzene	6.834	146	203148	41.155	ng	99
13) 1,4-Dichlorobenzene	6.910	146	204667	41.106	ng	99
14) 1,2-Dichlorobenzene	7.063	146	195599	41.125	ng	97
15) Benzyl Alcohol	7.045	79	197876	40.997	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.169	45	222762	39.176	ng	95
17) 2-Methylphenol	7.157	107	163148	42.519	ng	99
18) Hexachloroethane	7.410	117	81881	40.767	ng	95
19) n-Nitroso-di-n-propyla...	7.316	70	155755	39.455	ng	95
20) 3+4-Methylphenols	7.310	107	215919	41.314	ng	# 79
22) Acetophenone	7.310	105	304474	38.667	ng	95
24) Nitrobenzene	7.487	77	246850	36.825	ng	95
25) Isophorone	7.722	82	416235	38.881	ng	99
26) 2-Nitrophenol	7.798	139	96877	42.380	ng	97
27) 2,4-Dimethylphenol	7.839	122	161559	46.110	ng	96
28) bis(2-Chloroethoxy)met...	7.934	93	224239	40.491	ng	98
29) 2,4-Dichlorophenol	8.045	162	165234	38.140	ng	97
30) 1,2,4-Trichlorobenzene	8.122	180	193418	36.405	ng	99
31) Naphthalene	8.210	128	527193	37.251	ng	99
32) Benzoic acid	7.975	122	115183	45.392	ng	95
33) 4-Chloroaniline	8.257	127	139918	26.375	ng	100
34) Hexachlorobutadiene	8.322	225	131609	35.149	ng	97
35) Caprolactam	8.645	113	47614m	42.487	ng	
36) 4-Chloro-3-methylphenol	8.745	107	190308	39.120	ng	98
37) 2-Methylnaphthalene	8.904	142	352439	36.414	ng	97
38) 1-Methylnaphthalene	9.004	142	331306	35.658	ng	96
40) 1,2,4,5-Tetrachloroben...	9.069	216	207926	36.863	ng	98
41) Hexachlorocyclopentadiene	9.051	237	235847	82.378	ng	97
43) 2,4,6-Trichlorophenol	9.181	196	131924	37.813	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 13 04:12:13 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.233	196	139584	37.202	ng	97
46) 1,1'-Biphenyl	9.375	154	451355	37.465	ng	98
47) 2-Chloronaphthalene	9.398	162	360227	36.699	ng	98
48) 2-Nitroaniline	9.498	65	129439	37.226	ng	92
49) Acenaphthylene	9.816	152	542913	37.670	ng	100
50) Dimethylphthalate	9.680	163	424563	36.551	ng	99
51) 2,6-Dinitrotoluene	9.739	165	93912	39.162	ng	90
52) Acenaphthene	9.986	154	406439m	42.096	ng	
53) 3-Nitroaniline	9.910	138	67046	29.140	ng	96
54) 2,4-Dinitrophenol	10.022	184	112974	82.180	ng	95
55) Dibenzofuran	10.163	168	504039	36.948	ng	98
56) 4-Nitrophenol	10.086	139	142520	89.167	ng	# 82
57) 2,4-Dinitrotoluene	10.145	165	131434	41.318	ng	97
58) Fluorene	10.510	166	407226	36.719	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.280	232	117367m	36.940	ng	
60) Diethylphthalate	10.380	149	400597	35.938	ng	99
61) 4-Chlorophenyl-phenyle...	10.498	204	217601	35.505	ng	97
62) 4-Nitroaniline	10.539	138	90590	39.733	ng	92
63) Azobenzene	10.657	77	439683	34.584	ng	98
65) 4,6-Dinitro-2-methylph...	10.557	198	71337	38.368	ng	93
66) n-Nitrosodiphenylamine	10.622	169	342843	36.125	ng	97
67) 4-Bromophenyl-phenylether	10.992	248	133293	35.296	ng	96
68) Hexachlorobenzene	11.051	284	147239	36.046	ng	# 93
69) Atrazine	11.151	200	113922	37.801	ng	97
70) Pentachlorophenol	11.251	266	163577	77.787	ng	100
71) Phenanthrene	11.474	178	599195	36.620	ng	100
72) Anthracene	11.527	178	607422	38.157	ng	99
73) Carbazole	11.686	167	532727	40.998	ng	99
74) Di-n-butylphthalate	12.010	149	601313	37.721	ng	100
75) Fluoranthene	12.669	202	675576	40.096	ng	99
77) Benzidine	12.792	184	171190	34.027	ng	98
78) Pyrene	12.904	202	678357	36.639	ng	99
80) Butylbenzylphthalate	13.521	149	220959	41.239	ng	92
81) Benzo(a)anthracene	14.092	228	511449	37.718	ng	99
82) 3,3'-Dichlorobenzidine	14.057	252	142860	37.030	ng	94
83) Chrysene	14.133	228	467162	36.239	ng	99
84) Bis(2-ethylhexyl)phtha...	14.080	149	254461	35.690	ng	97
85) Di-n-octyl phthalate	14.698	149	340108	30.563	ng	99
87) Indeno(1,2,3-cd)pyrene	17.156	276	431141	36.794	ng	100
88) Benzo(b)fluoranthene	15.168	252	419091	44.286	ng	99
89) Benzo(k)fluoranthene	15.204	252	383978	38.875	ng	100
90) Benzo(a)pyrene	15.551	252	348418	43.142	ng	99
91) Dibenzo(a,h)anthracene	17.180	278	367162	38.072	ng	99
92) Benzo(g,h,i)perylene	17.633	276	363227	37.475	ng	100

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

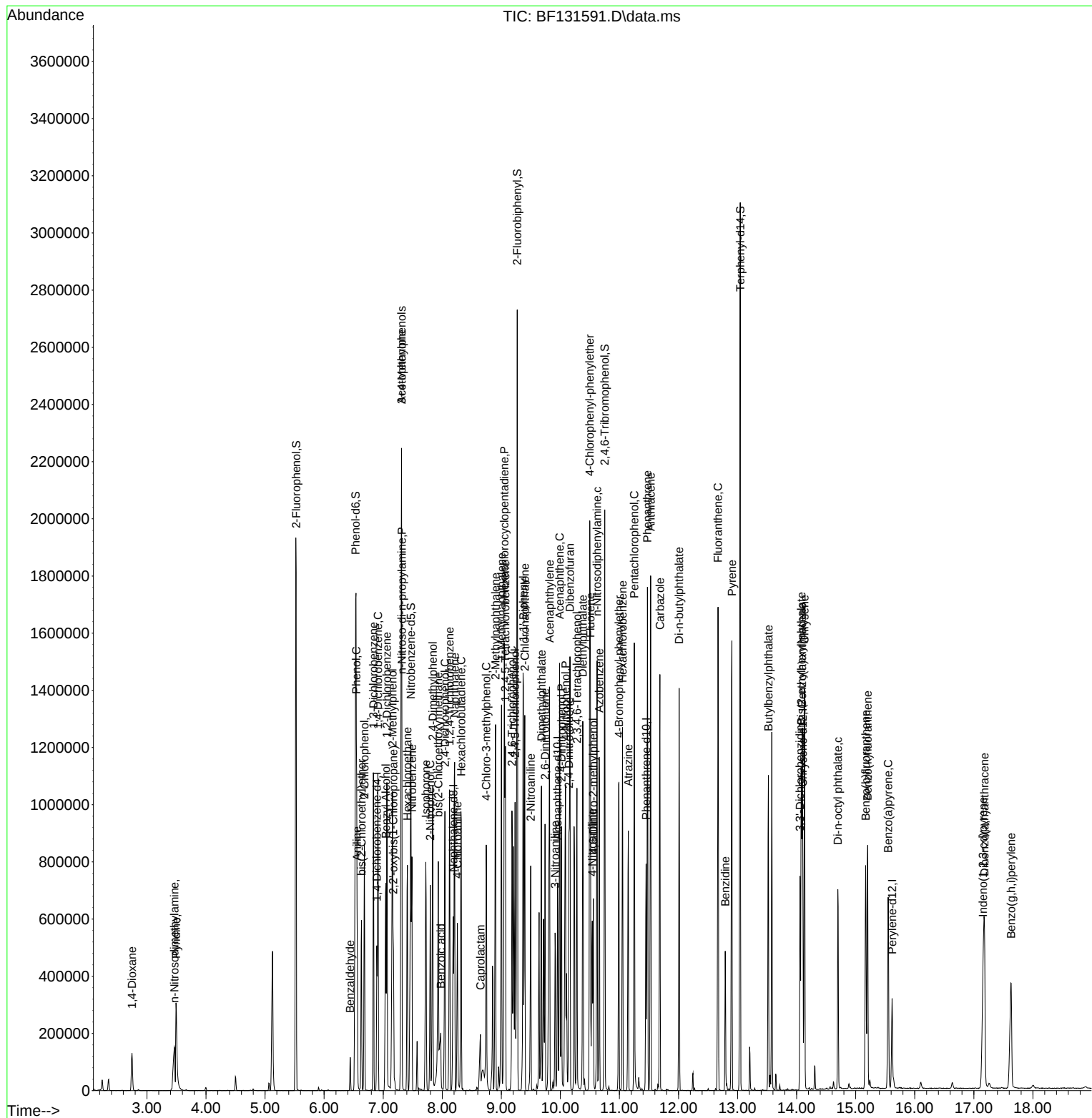
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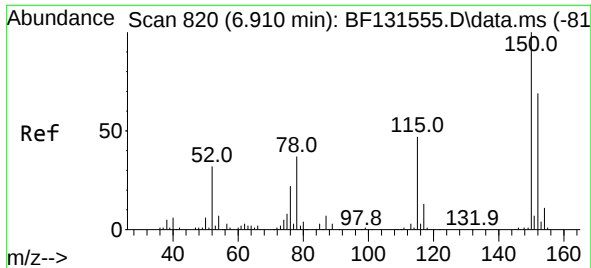
Instrument :
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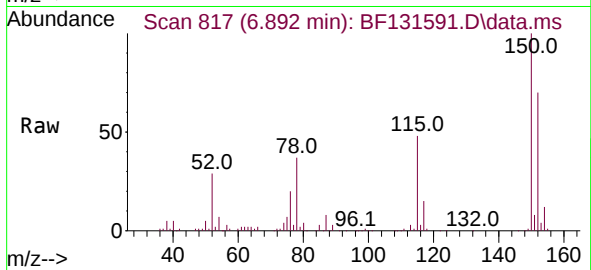
Reviewed By : Christian Giraldo 12/13/2022
Supervised By : Jagrut Upadhyay 12/13/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

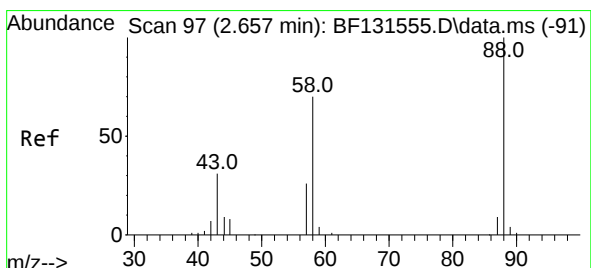
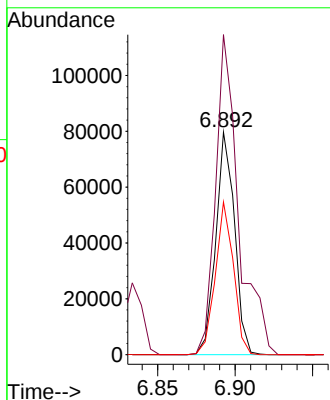
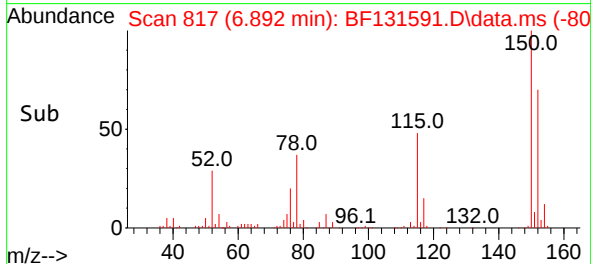
Instrument :
BNA_F
ClientSampleId :
PB149551BS



Tgt Ion:152 Resp: 67024
Ion Ratio Lower Upper
152 100
150 143.8 116.7 175.1
115 68.5 54.6 82.0

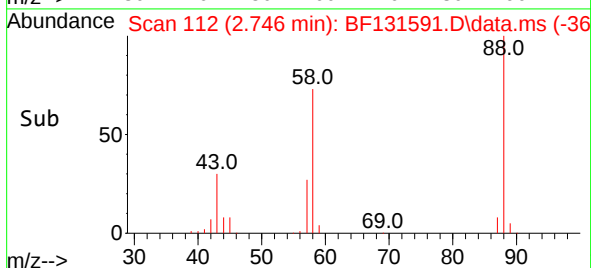
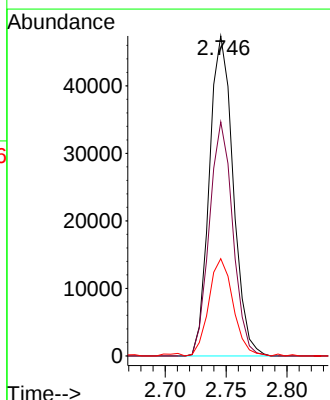
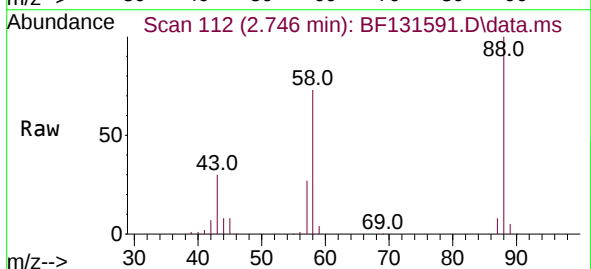
Manual Integrations
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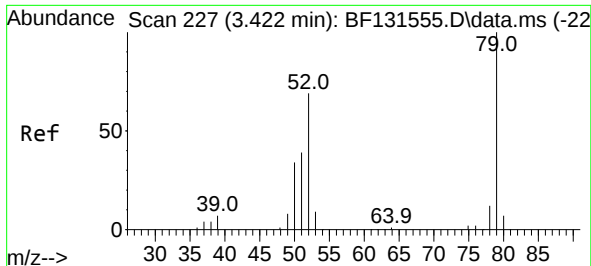
Reviewed By :Christian Giraldo 12/13/2022
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#2
1,4-Dioxane
Concen: 35.610 ng
RT: 2.746 min Scan# 112
Delta R.T. 0.094 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

Tgt Ion: 88 Resp: 64576
Ion Ratio Lower Upper
88 100
58 71.9 60.0 90.0
43 31.1 26.7 40.1





#3

Pyridine

Concen: 33.245 ng

RT: 3.493 min Scan# 234

Delta R.T. 0.082 min

Lab File: BF131591.D

Acq: 12 Dec 2022 14:00

Instrument :

BNA_F

ClientSampleId :

PB149551BS

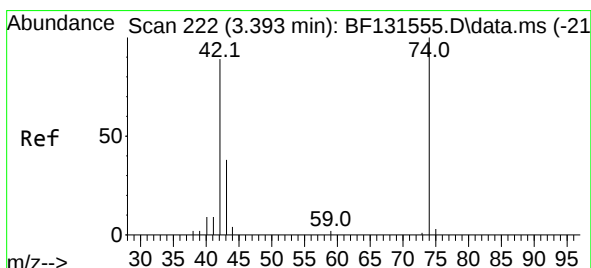
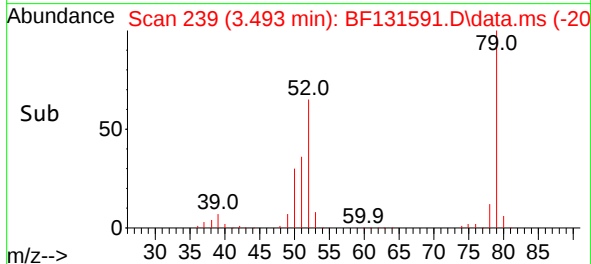
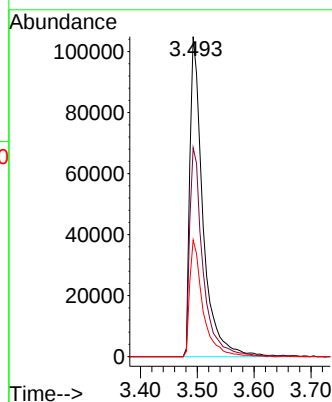
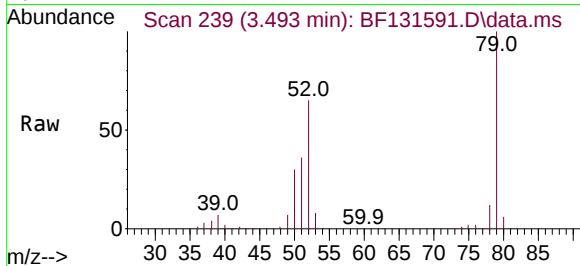
Tgt Ion: 79 Resp: 167386

Ion	Ratio	Lower	Upper
79	100		
52	65.3	55.0	82.6
51	36.5	31.4	47.2

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 38.395 ng

RT: 3.463 min Scan# 234

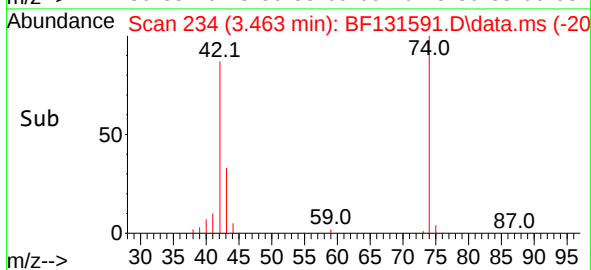
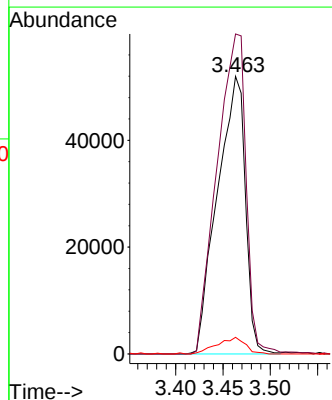
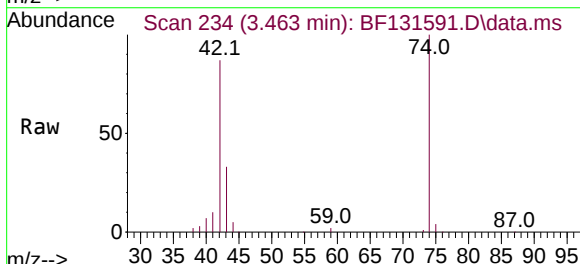
Delta R.T. 0.082 min

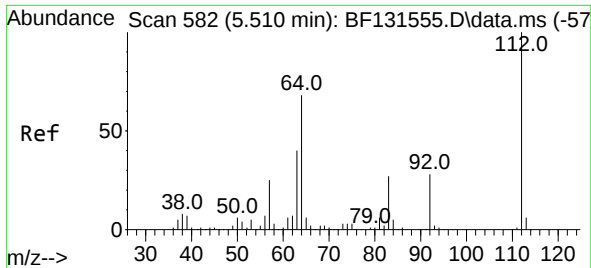
Lab File: BF131591.D

Acq: 12 Dec 2022 14:00

Tgt Ion: 42 Resp: 106609

Ion	Ratio	Lower	Upper
42	100		
74	115.3	90.2	135.2
44	6.0	3.7	5.5





#5
2-Fluorophenol
Concen: 132.440 ng
RT: 5.528 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

Instrument :

BNA_F

ClientSampleId :

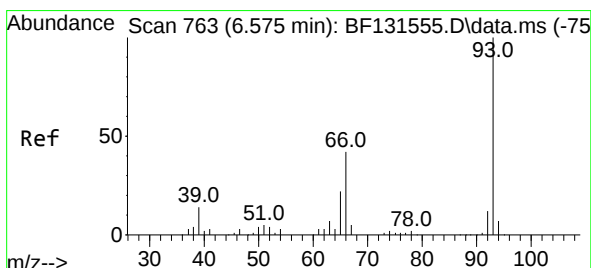
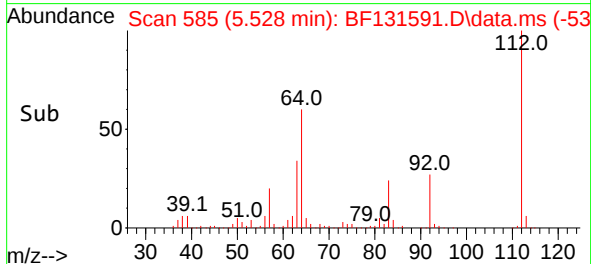
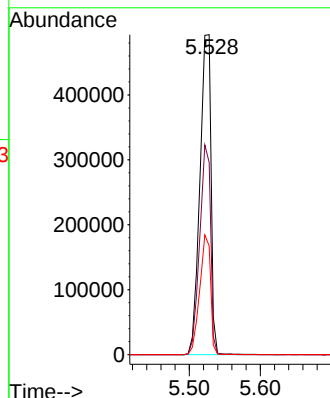
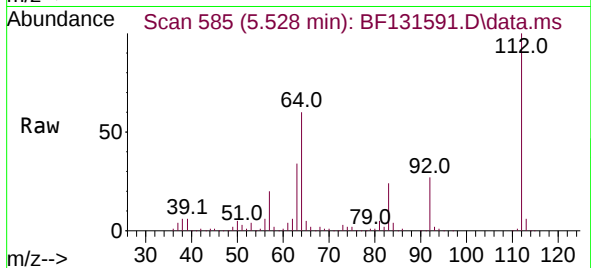
PB149551BS

Tgt Ion:112 Resp: 532084
Ion Ratio Lower Upper
112 100
64 60.1 54.5 81.7
63 34.0 31.9 47.9

Manual Integrations

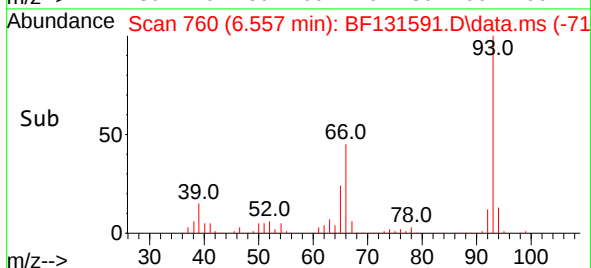
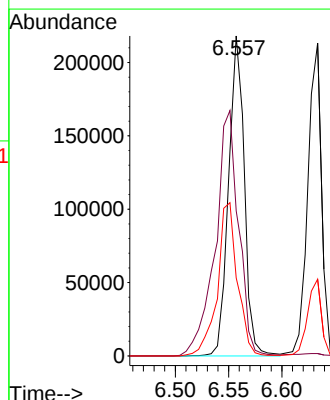
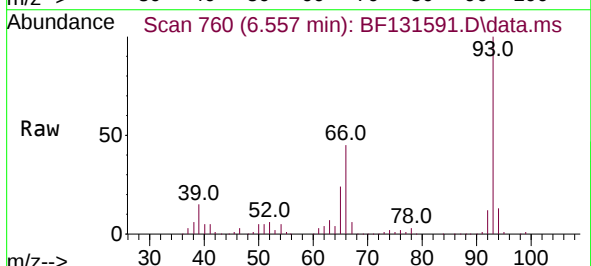
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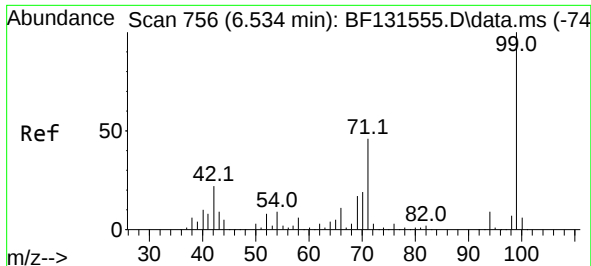
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#6
Aniline
Concen: 35.752 ng
RT: 6.557 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

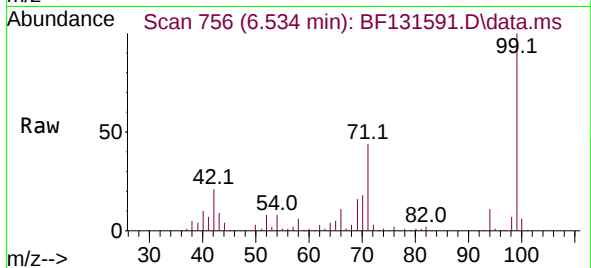
Tgt Ion: 93 Resp: 225109
Ion Ratio Lower Upper
93 100
66 45.3 34.6 51.8
65 24.4 17.7 26.5





#7
Phenol-d6
Concen: 129.785 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.006 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

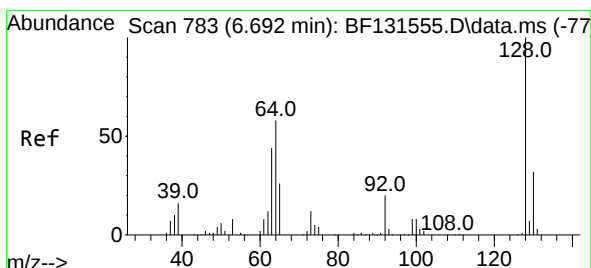
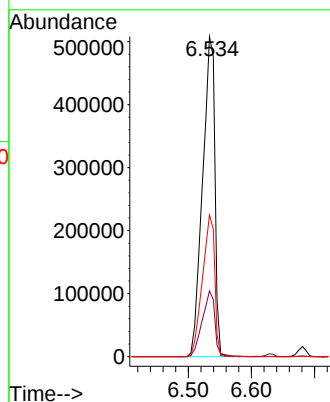
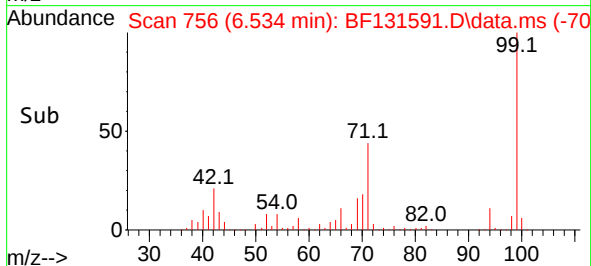
Instrument :
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Tgt Ion: 99 Resp: 683278
Ion Ratio Lower Upper
99 100
42 20.5 17.9 26.9
71 44.3 37.2 55.8

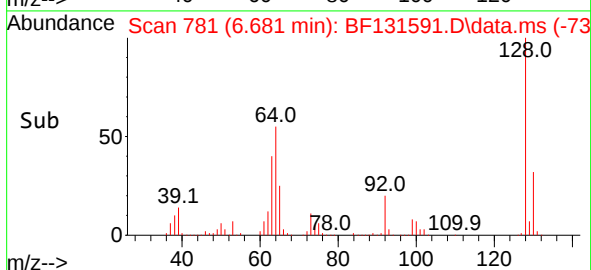
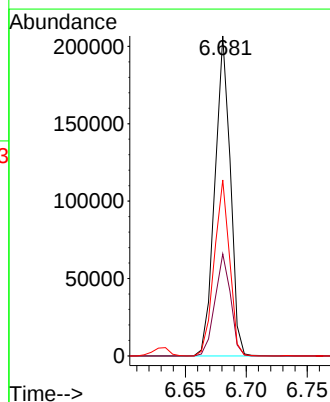
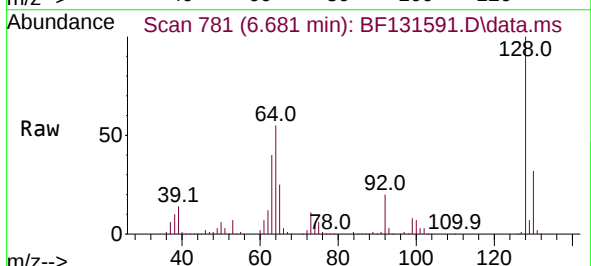
Manual Integrations
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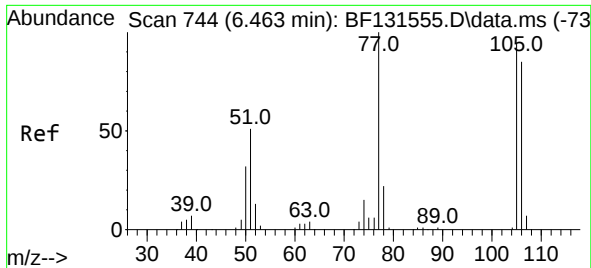
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#8
2-Chlorophenol
Concen: 42.864 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

Tgt Ion:128 Resp: 182497
Ion Ratio Lower Upper
128 100
130 31.9 11.6 51.6
64 55.0 40.6 80.6





#9

Benzaldehyde

Concen: 6.466 ng

RT: 6.439 min Scan# 744

Delta R.T. -0.006 min

Lab File: BF131591.D

Acq: 12 Dec 2022 14:00

Instrument :

BNA_F

ClientSampleId :

PB149551BS

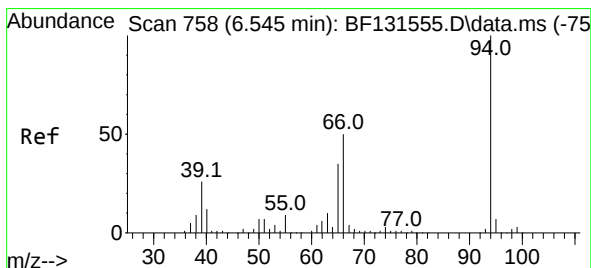
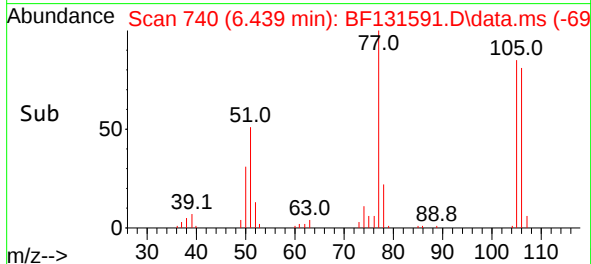
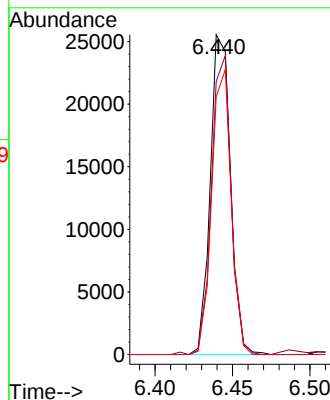
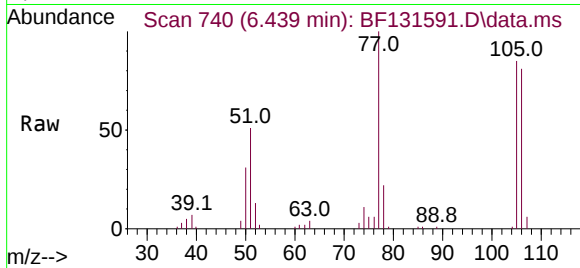
Tgt Ion: 77	Resp: 23320
Ion Ratio	Lower Upper
77 100	
105 85.4	73.8 113.8
106 80.5	65.2 105.2

Manual Integrations

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#10

Phenol

Concen: 44.711 ng m

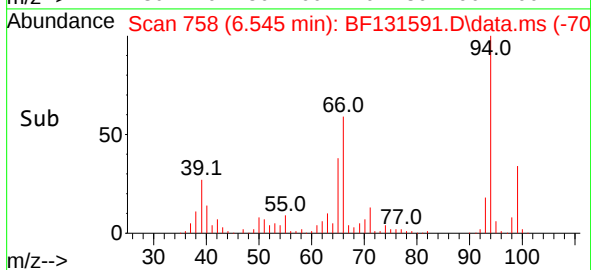
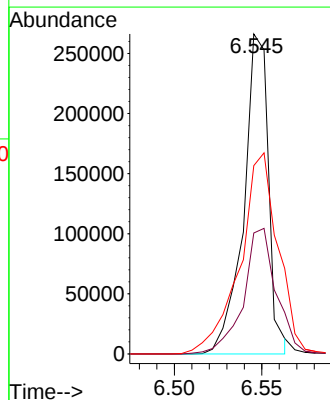
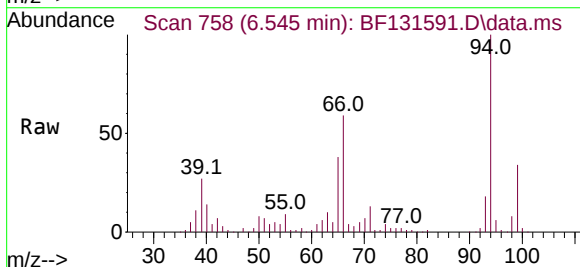
RT: 6.545 min Scan# 758

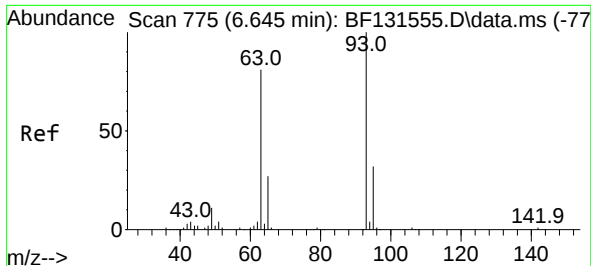
Delta R.T. -0.000 min

Lab File: BF131591.D

Acq: 12 Dec 2022 14:00

Tgt Ion: 94	Resp: 262562
Ion Ratio	Lower Upper
94 100	
65 37.8	14.8 54.8
66 58.8	30.8 70.8





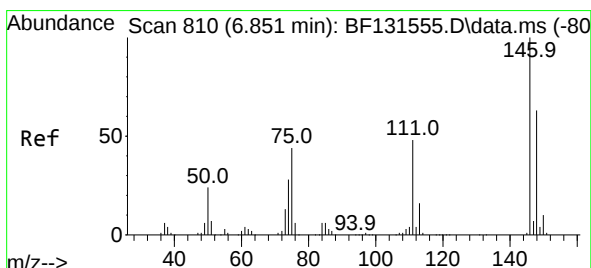
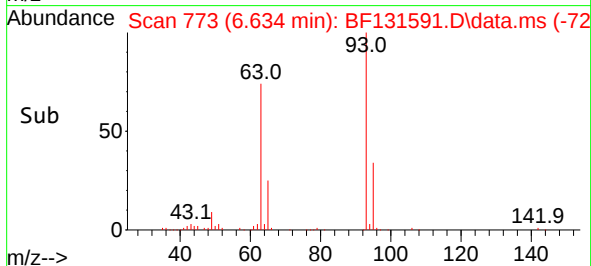
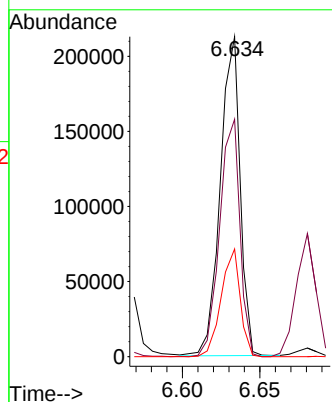
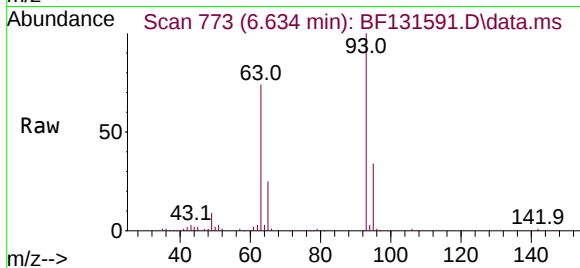
#11
bis(2-Chloroethyl)ether
Concen: 43.139 ng
RT: 6.634 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

Instrument :
BNA_F
ClientSampleId :
PB149551BS

Tgt Ion: 93 Resp: 189897
Ion Ratio Lower Upper
93 100
63 74.2 60.4 100.4
95 33.6 12.3 52.3

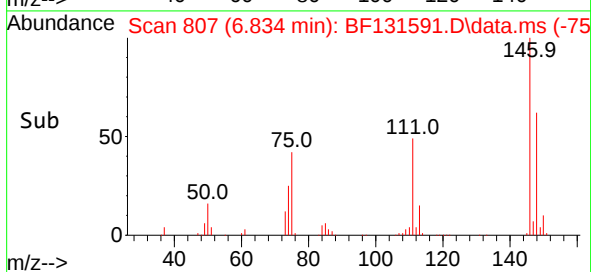
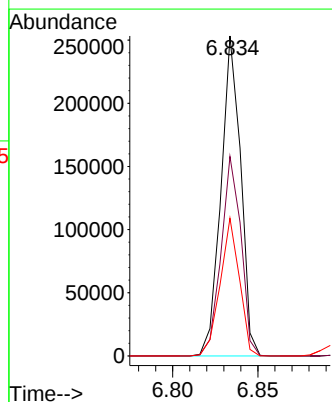
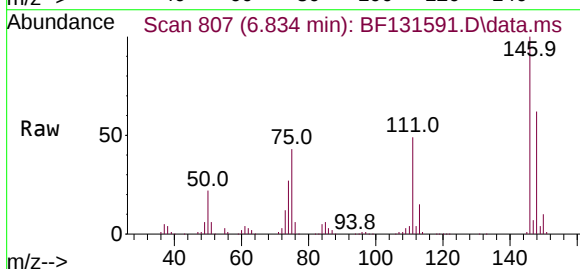
Manual Integrations
APPROVED

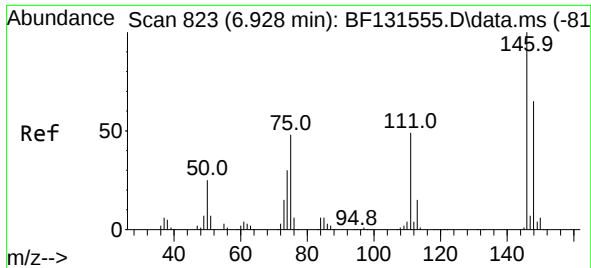
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#12
1,3-Dichlorobenzene
Concen: 41.155 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

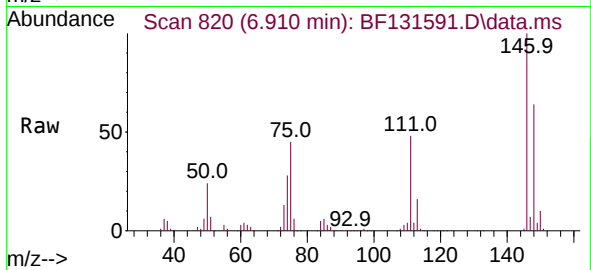
Tgt Ion:146 Resp: 203148
Ion Ratio Lower Upper
146 100
148 62.3 50.7 76.1
75 43.0 35.1 52.7





#13
1,4-Dichlorobenzene
Concen: 41.106 ng
RT: 6.910 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

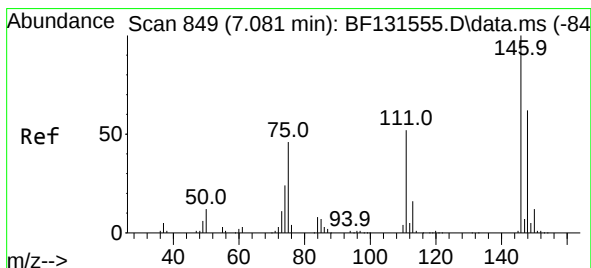
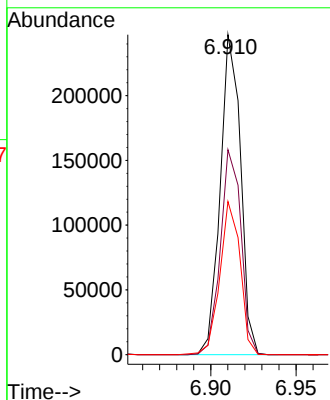
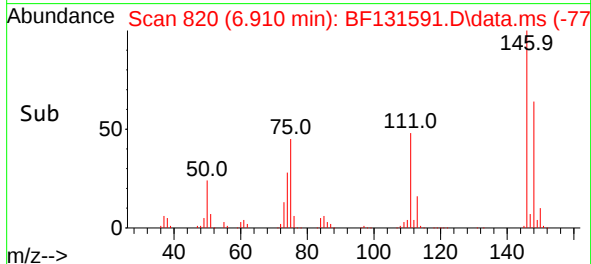
Instrument :
BNA_F
ClientSampleId :
PB149551BS



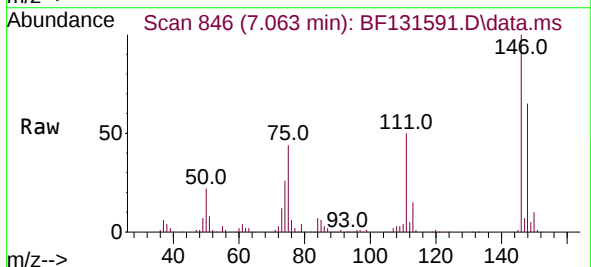
Tgt Ion:146 Resp: 204662
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.6
111 47.8 38.9 58.3

Manual Integrations
APPROVED

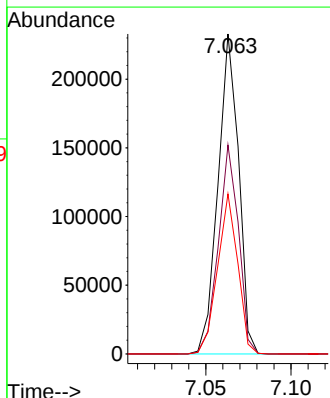
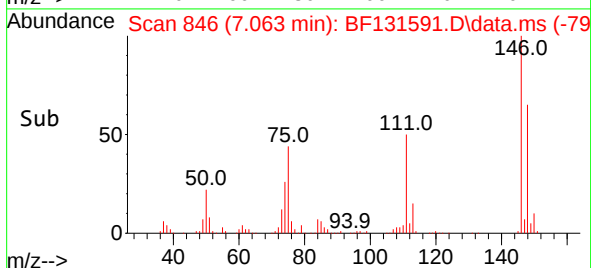
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

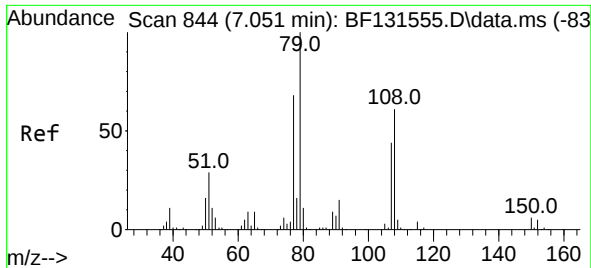


#14
1,2-Dichlorobenzene
Concen: 41.125 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00



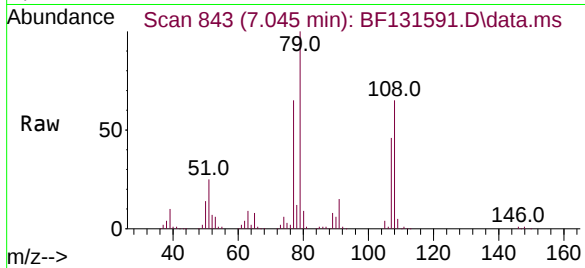
Tgt Ion:146 Resp: 195599
Ion Ratio Lower Upper
146 100
148 65.3 49.9 74.9
111 50.0 41.8 62.6





#15
Benzyl Alcohol
Concen: 40.997 ng
RT: 7.045 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

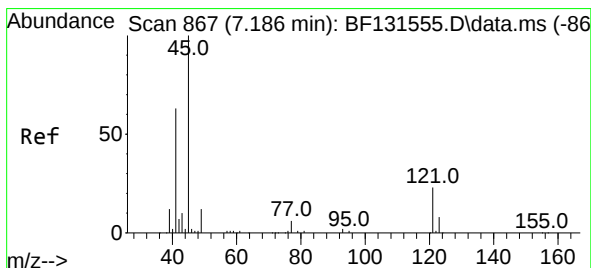
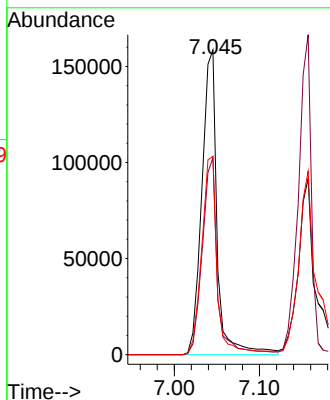
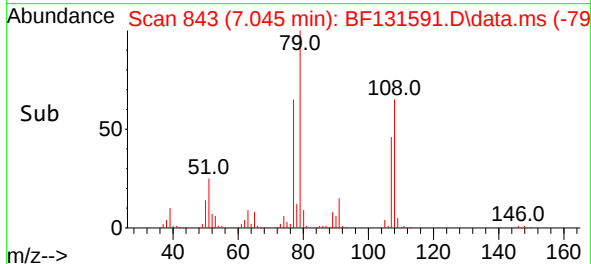
Instrument :
BNA_F
ClientSampleId :
PB149551BS



Tgt Ion: 79 Resp: 197876
Ion Ratio Lower Upper
79 100
108 64.6 49.2 73.8
77 65.1 54.5 81.7

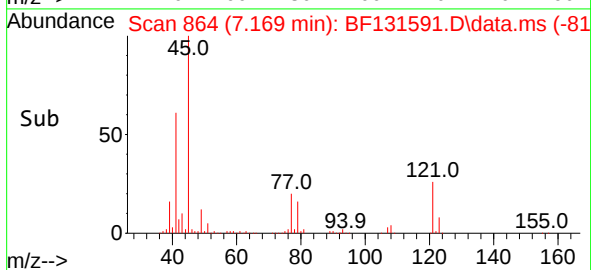
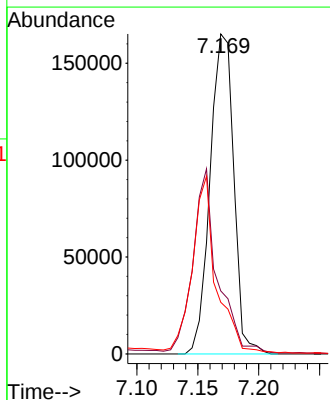
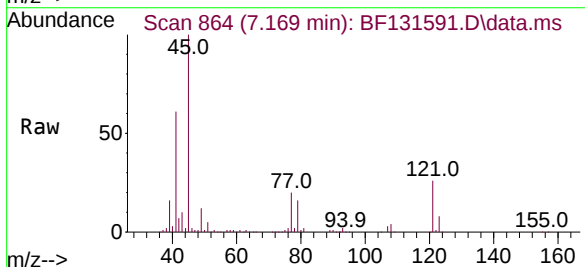
Manual Integrations
APPROVED

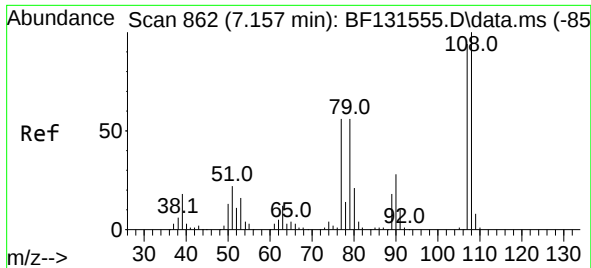
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.176 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

Tgt Ion: 45 Resp: 222762
Ion Ratio Lower Upper
45 100
77 19.7 0.0 37.7
79 16.2 0.0 33.6





#17
2-Methylphenol
Concen: 42.519 ng
RT: 7.157 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

Instrument :

BNA_F

ClientSampleId :

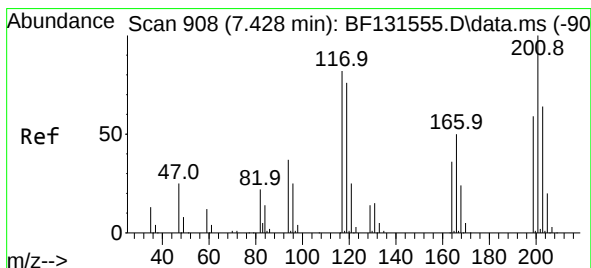
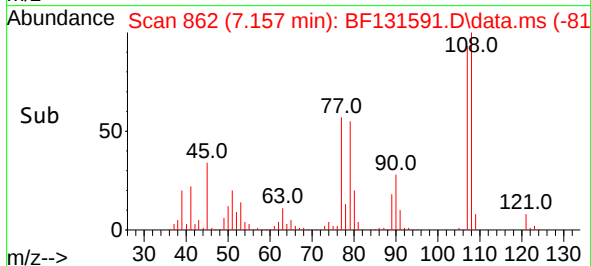
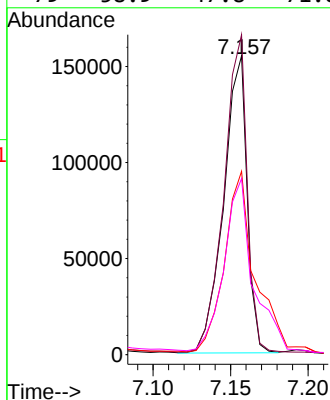
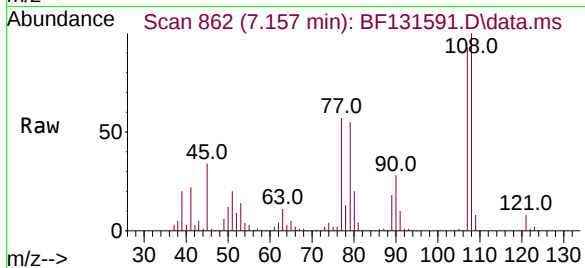
PB149551BS

Tgt Ion:107 Resp: 163148
Ion Ratio Lower Upper
107 100
108 107.1 85.5 128.3
77 61.3 48.2 72.4
79 58.9 47.8 71.8

Manual Integrations

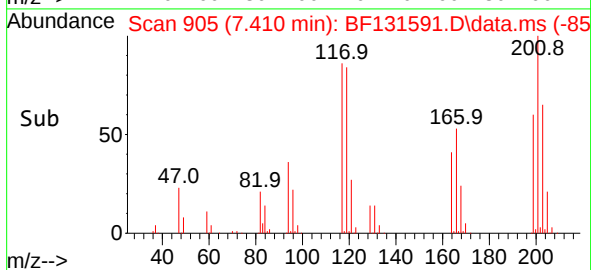
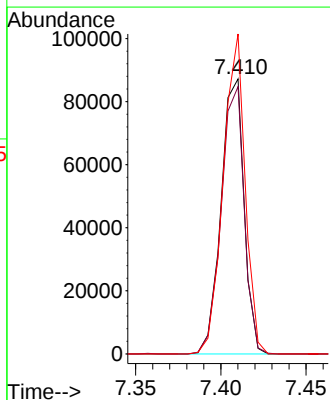
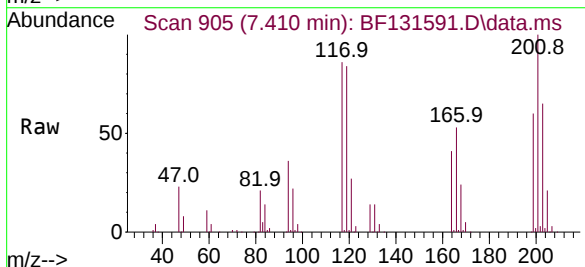
APPROVED

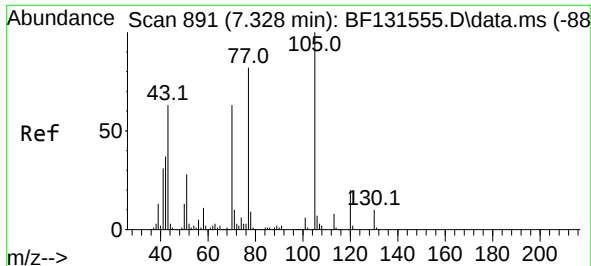
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#18
Hexachloroethane
Concen: 40.767 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

Tgt Ion:117 Resp: 81881
Ion Ratio Lower Upper
117 100
119 97.2 75.0 112.4
201 116.4 98.0 147.0





#19
n-Nitroso-di-n-propylamine
Concen: 39.455 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

Instrument :

BNA_F

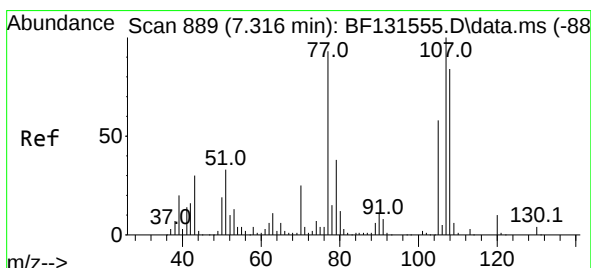
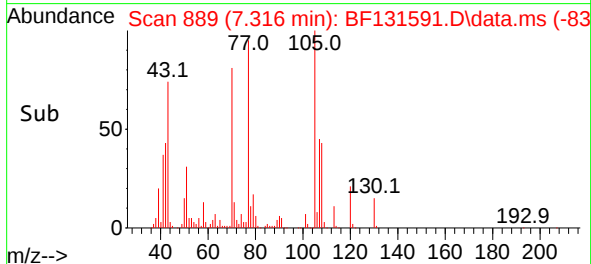
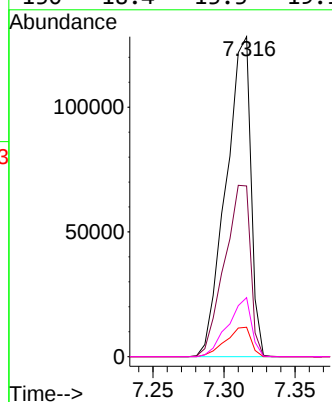
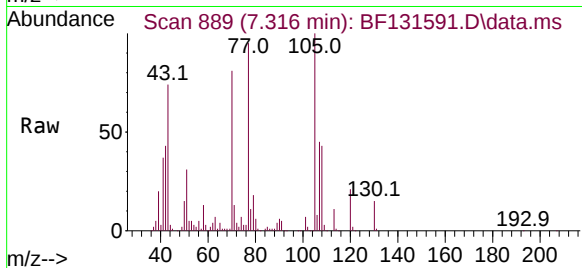
ClientSampleId :

PB149551BS

Tgt Ion: 70 Resp: 15575
Ion Ratio Lower Upper
70 100
42 53.3 46.4 69.6
101 9.2 7.2 10.8
130 18.4 13.3 19.9

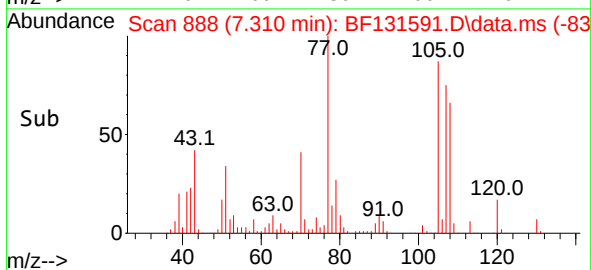
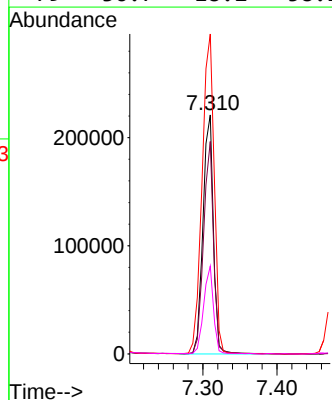
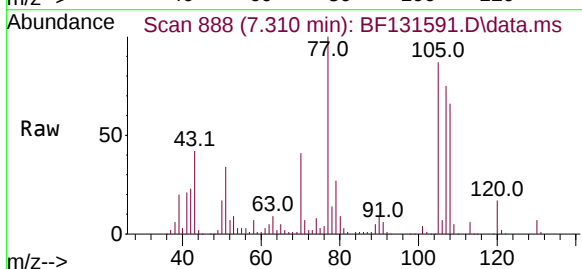
Manual Integrations
APPROVED

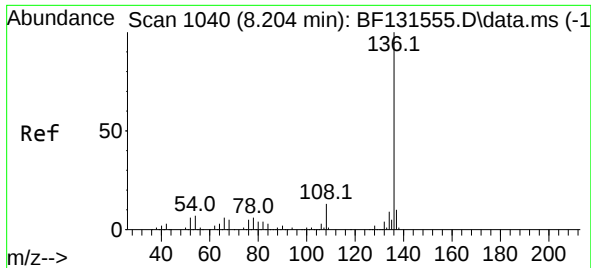
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#20
3+4-Methylphenols
Concen: 41.314 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

Tgt Ion:107 Resp: 215919
Ion Ratio Lower Upper
107 100
108 88.9 64.0 104.0
77 133.9 73.1 113.1#
79 36.7 18.2 58.2





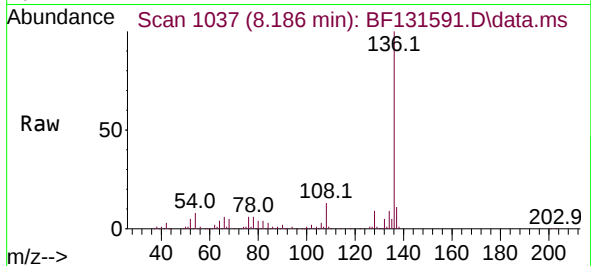
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

Instrument :

BNA_F

ClientSampleId :

PB149551BS

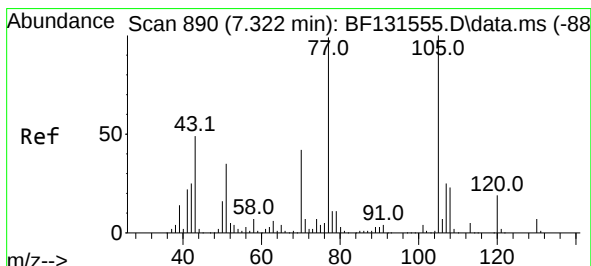
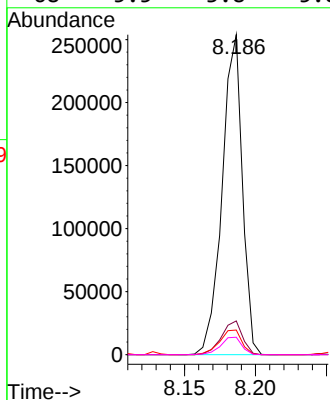
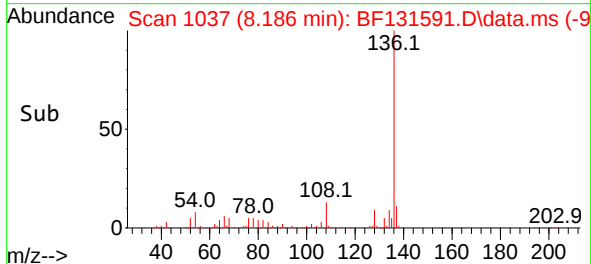


Tgt Ion:136 Resp: 251272
Ion Ratio Lower Upper
136 100
137 10.5 8.1 12.1
54 7.7 6.0 9.0
68 5.5 3.8 5.8

Manual Integrations

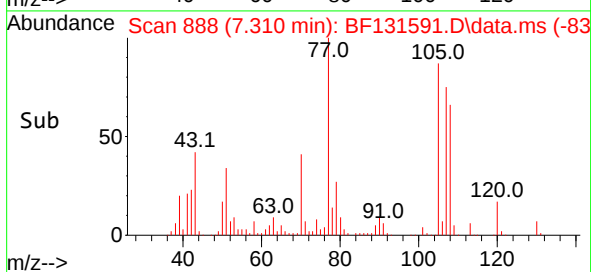
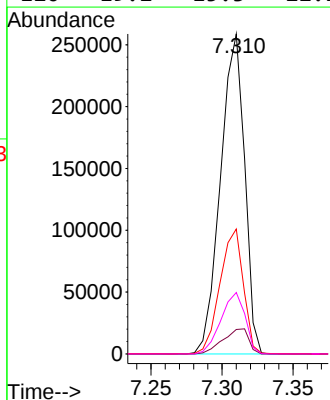
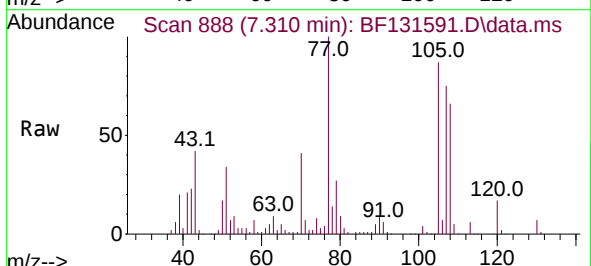
APPROVED

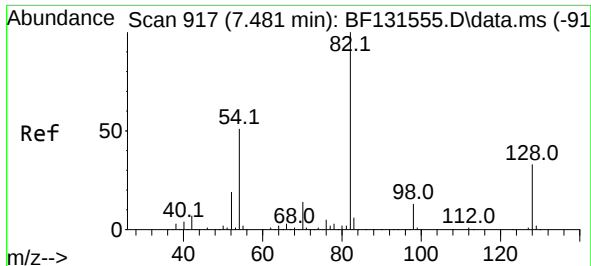
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#22
Acetophenone
Concen: 38.667 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

Tgt Ion:105 Resp: 304474
Ion Ratio Lower Upper
105 100
71 7.6 5.4 8.0
51 39.0 27.8 41.6
120 19.2 15.3 22.9





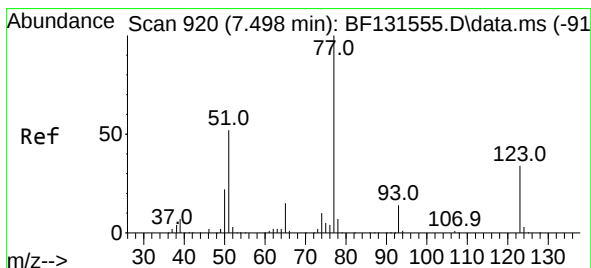
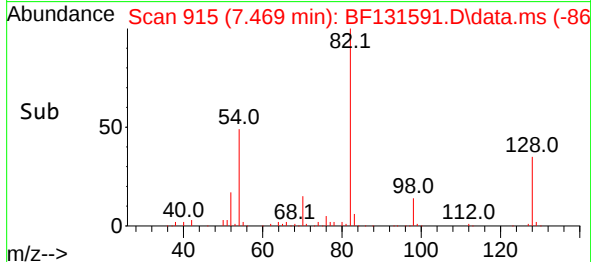
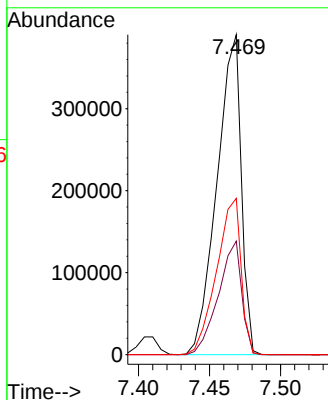
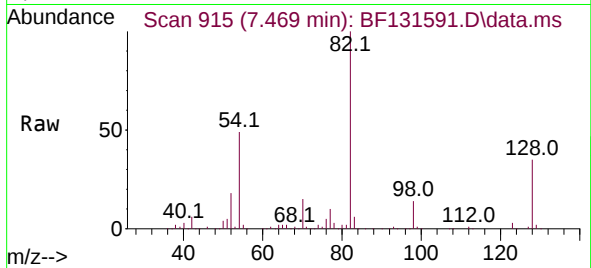
#23
Nitrobenzene-d5
Concen: 69.834 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

Instrument :
BNA_F
ClientSampleId :
PB149551BS

Tgt Ion: 82 Resp: 464130
Ion Ratio Lower Upper
82 100
128 35.5 26.1 39.1
54 48.8 40.6 60.8

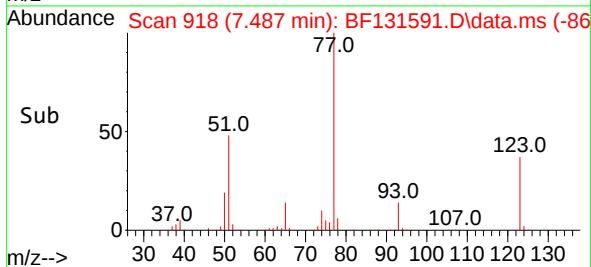
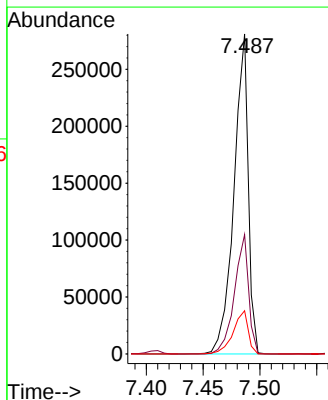
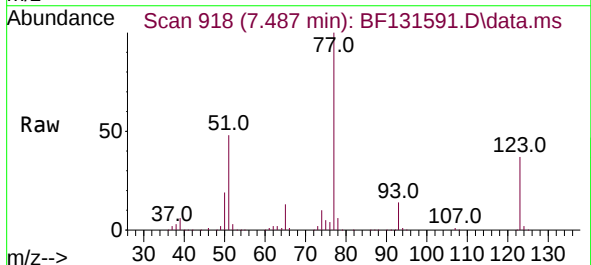
Manual Integrations
APPROVED

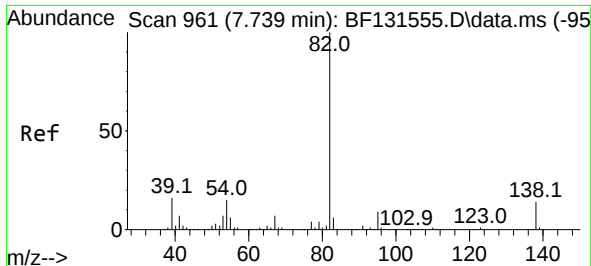
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#24
Nitrobenzene
Concen: 36.825 ng
RT: 7.487 min Scan# 918
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

Tgt Ion: 77 Resp: 246850
Ion Ratio Lower Upper
77 100
123 37.3 27.1 40.7
65 13.5 11.9 17.9





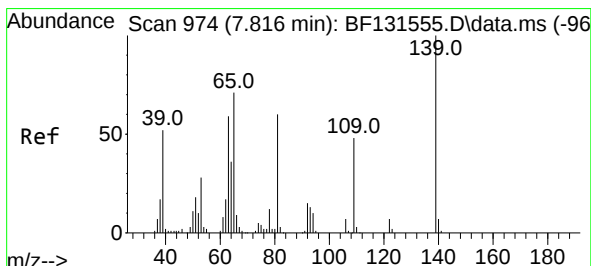
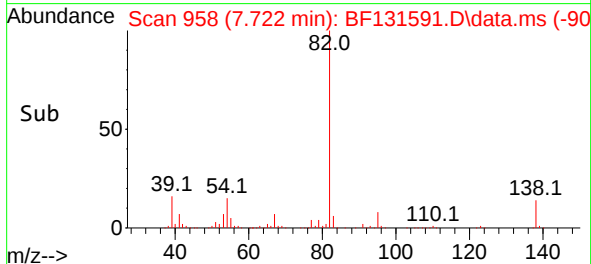
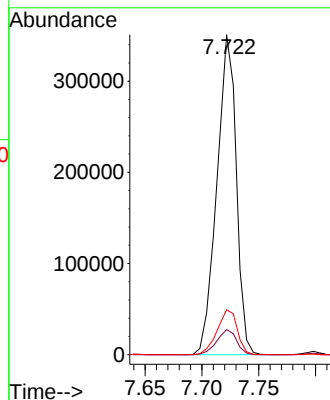
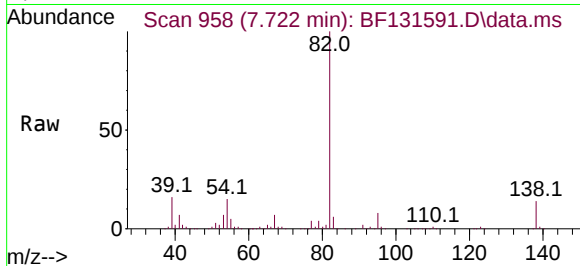
#25
Isophorone
Concen: 38.881 ng
RT: 7.722 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

Instrument :
BNA_F
ClientSampleId :
PB149551BS

Tgt Ion: 82 Resp: 416235
Ion Ratio Lower Upper
82 100
95 7.8 6.9 10.3
138 14.0 11.4 17.0

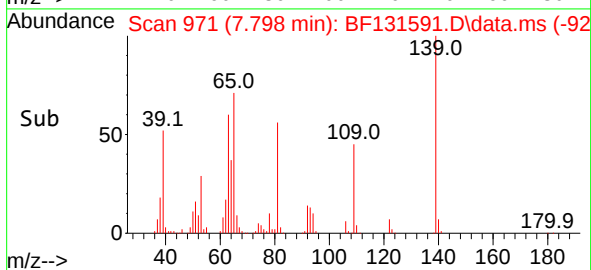
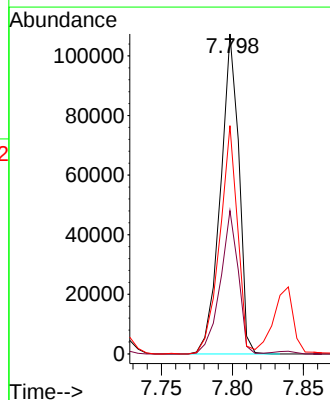
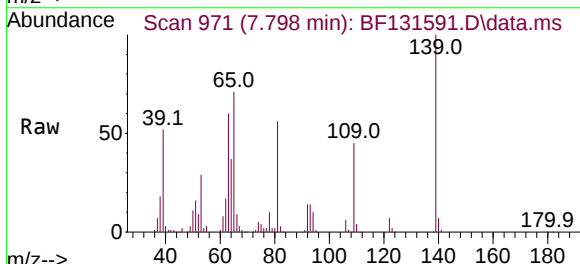
Manual Integrations
APPROVED

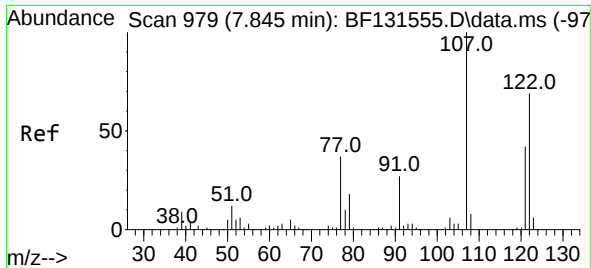
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#26
2-Nitrophenol
Concen: 42.380 ng
RT: 7.798 min Scan# 971
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

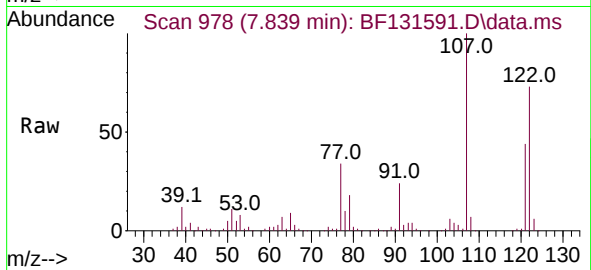
Tgt Ion:139 Resp: 96877
Ion Ratio Lower Upper
139 100
109 44.8 38.6 58.0
65 71.3 56.5 84.7





#27
2,4-Dimethylphenol
Concen: 46.110 ng
RT: 7.839 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

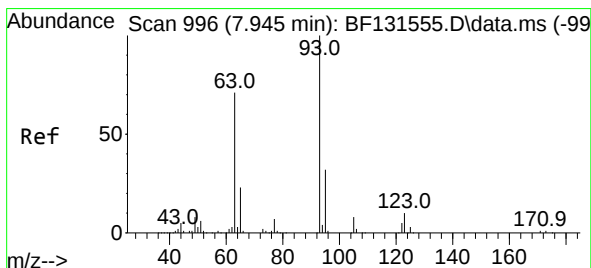
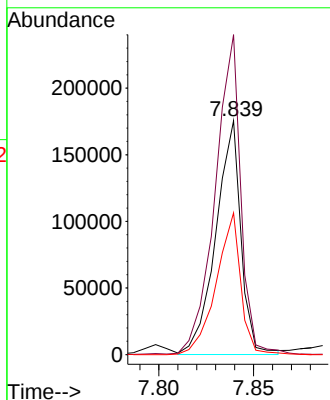
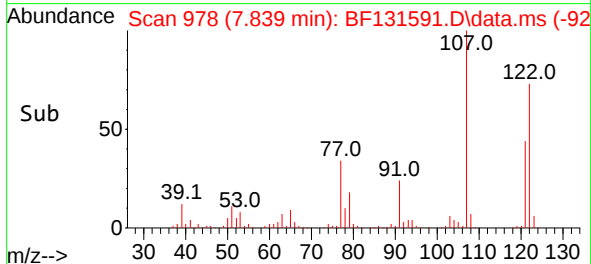
Instrument :
BNA_F
ClientSampleId :
PB149551BS



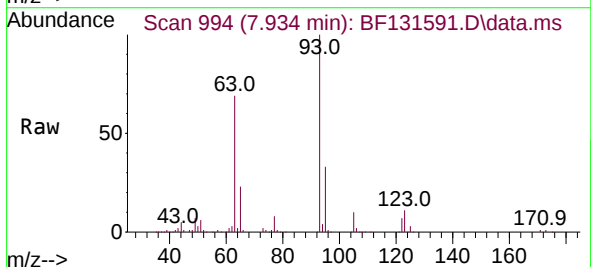
Tgt Ion:122 Resp: 161559
Ion Ratio Lower Upper
122 100
107 136.8 114.2 171.2
121 60.6 48.2 72.2

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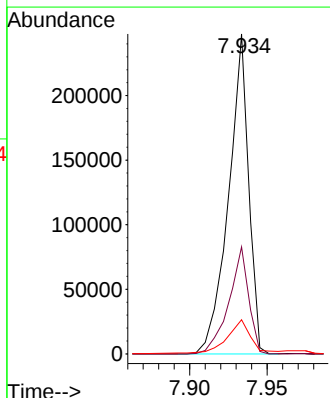
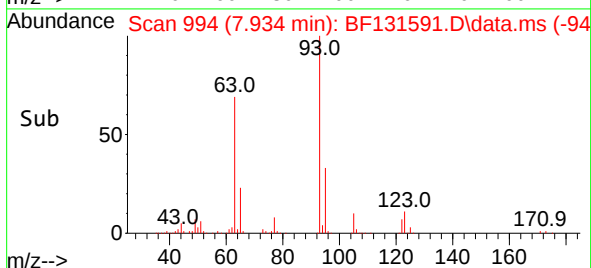
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

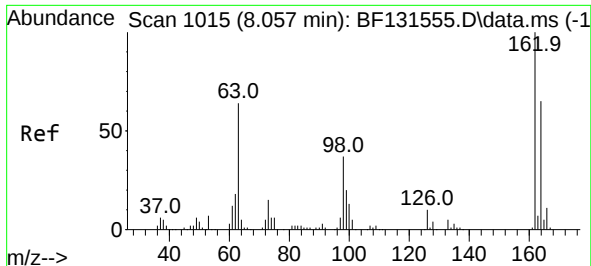


#28
bis(2-Chloroethoxy)methane
Concen: 40.491 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00



Tgt Ion: 93 Resp: 224239
Ion Ratio Lower Upper
93 100
95 33.4 25.8 38.6
123 10.7 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 38.140 ng

RT: 8.045 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF131591.D

Acq: 12 Dec 2022 14:00

Instrument :

BNA_F

ClientSampleId :

PB149551BS

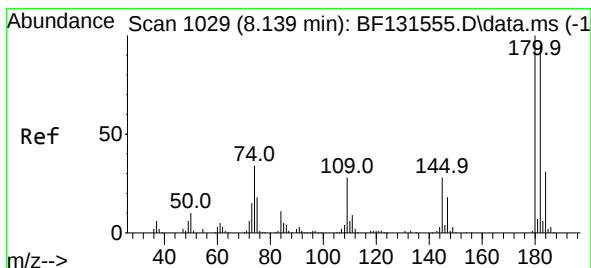
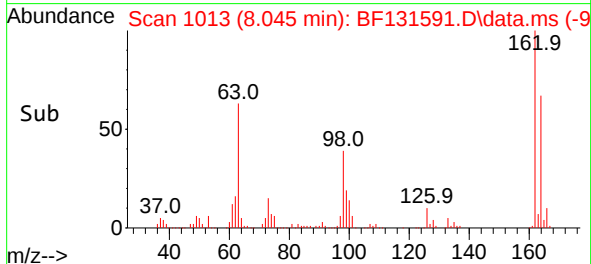
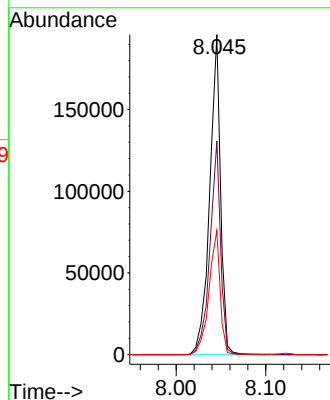
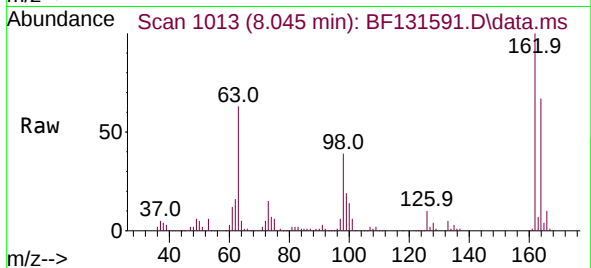
Tgt Ion:162	Resp: 165234
Ion Ratio	Lower Upper
162 100	
164 66.8	45.0 85.0
98 38.8	16.6 56.6

Manual Integrations

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Reviewed By :Christian Giraldo 12/13/2022

Supervised By :Jagrut Upadhyay 12/13/2022



#30

1,2,4-Trichlorobenzene

Concen: 36.405 ng

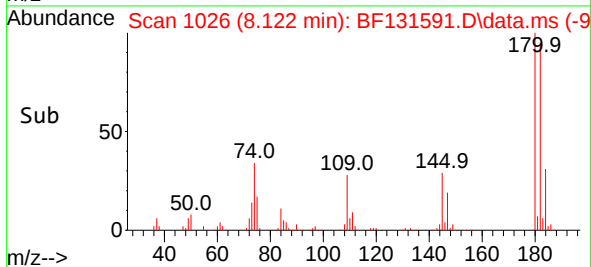
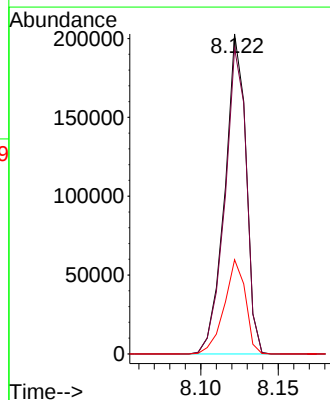
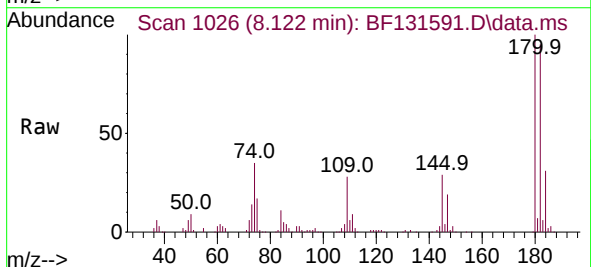
RT: 8.122 min Scan# 1026

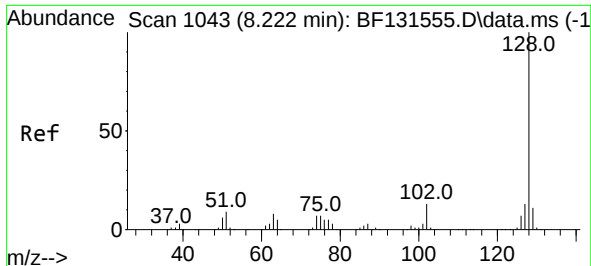
Delta R.T. -0.000 min

Lab File: BF131591.D

Acq: 12 Dec 2022 14:00

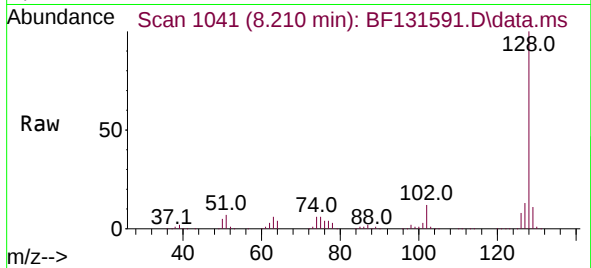
Tgt Ion:180	Resp: 193418
Ion Ratio	Lower Upper
180 100	
182 95.5	75.8 113.6
145 29.4	22.4 33.6





#31
Naphthalene
Concen: 37.251 ng
RT: 8.210 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

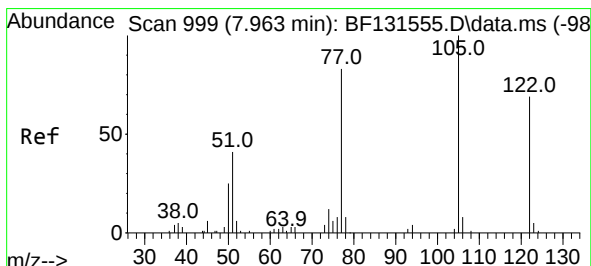
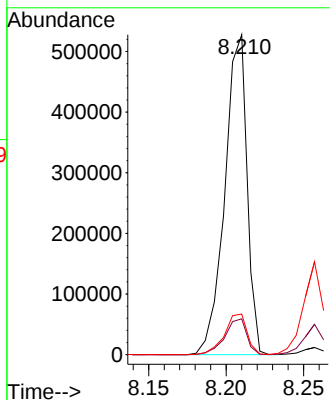
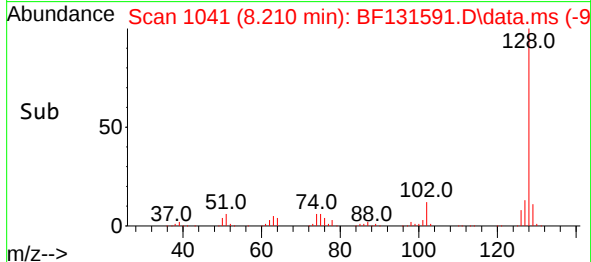
Instrument :
BNA_F
ClientSampleId :
PB149551BS



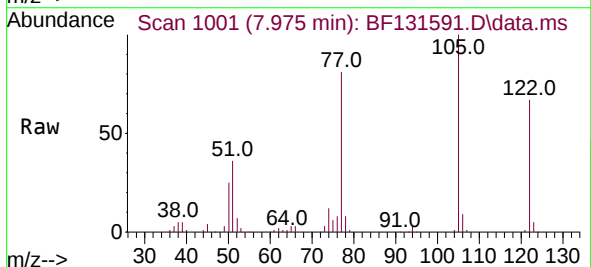
Tgt Ion:128 Resp: 527193
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 12.7 10.6 15.8

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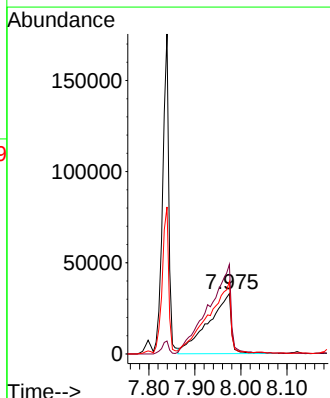
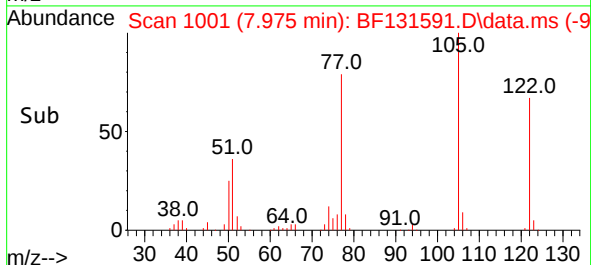
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

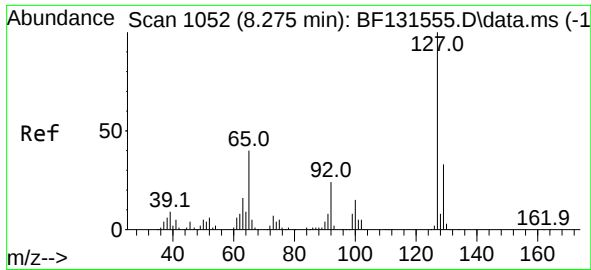


#32
Benzoic acid
Concen: 45.392 ng
RT: 7.975 min Scan# 1001
Delta R.T. 0.012 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00



Tgt Ion:122 Resp: 115183
Ion Ratio Lower Upper
122 100
105 148.8 119.8 159.8
77 120.0 97.6 137.6





#33
4-Chloroaniline
Concen: 26.375 ng
RT: 8.257 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

Instrument :

BNA_F

ClientSampleId :

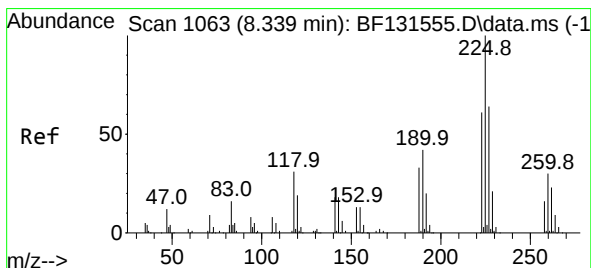
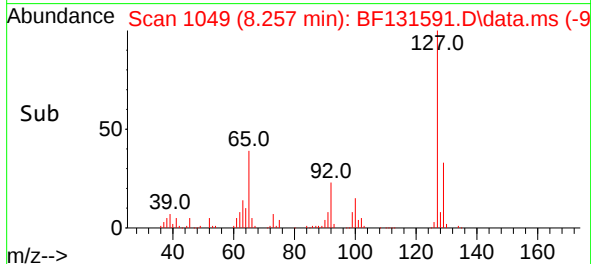
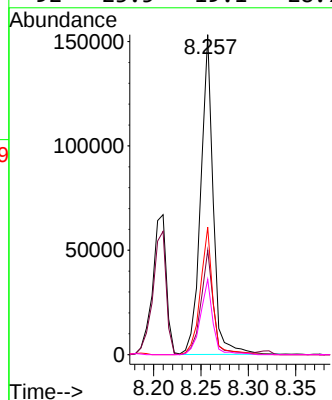
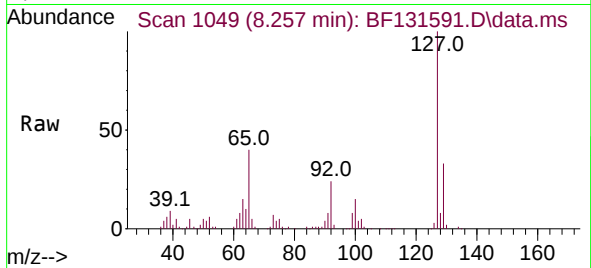
PB149551BS

Tgt Ion:127 Resp: 139918
Ion Ratio Lower Upper
127 100
129 32.6 26.4 39.6
65 39.8 31.9 47.9
92 23.5 19.1 28.7

Manual Integrations

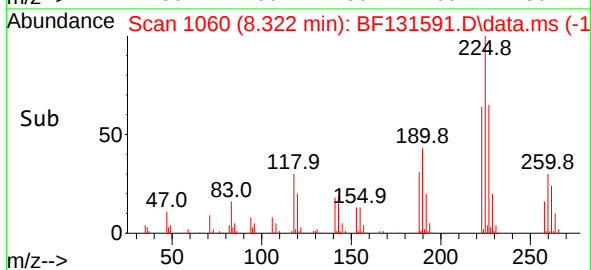
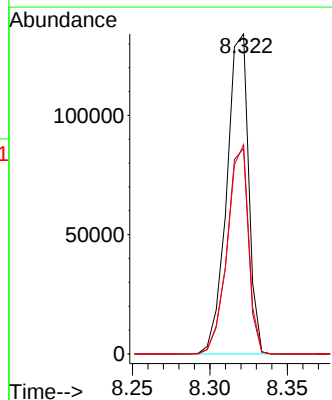
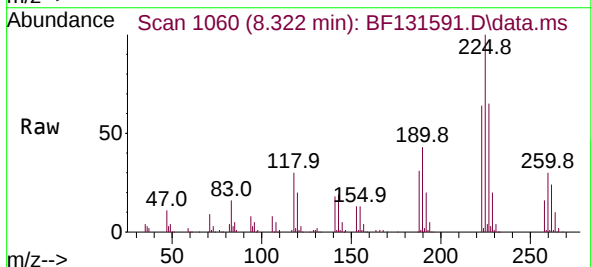
APPROVED

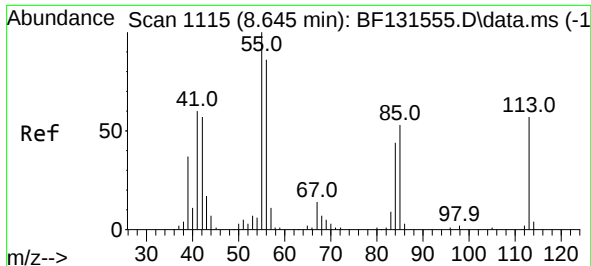
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#34
Hexachlorobutadiene
Concen: 35.149 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

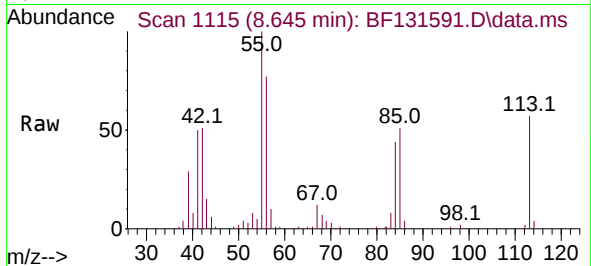
Tgt Ion:225 Resp: 131609
Ion Ratio Lower Upper
225 100
223 64.2 48.7 73.1
227 65.4 51.0 76.6





#35
Caprolactam
Concen: 42.487 ng m
RT: 8.645 min Scan# 1115
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

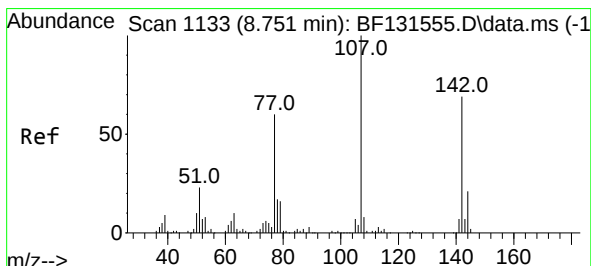
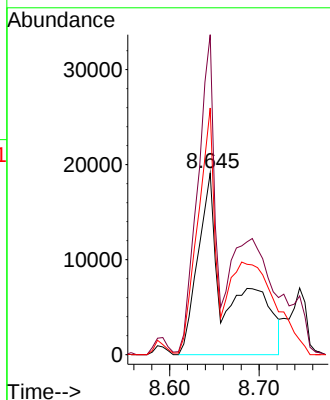
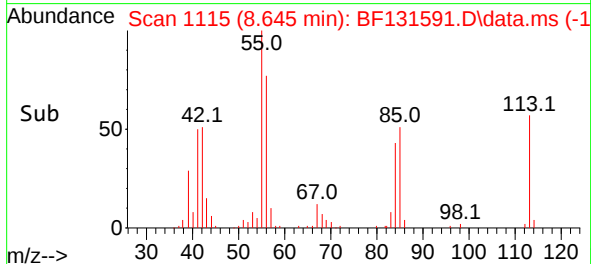
Instrument :
BNA_F
ClientSampleId :
PB149551BS



Tgt Ion:113 Resp: 47614
Ion Ratio Lower Upper
113 100
55 176.3 155.8 195.8
56 135.9 131.7 171.7

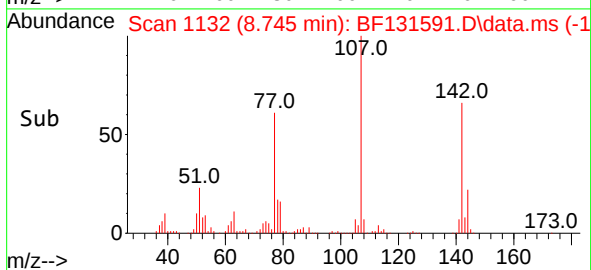
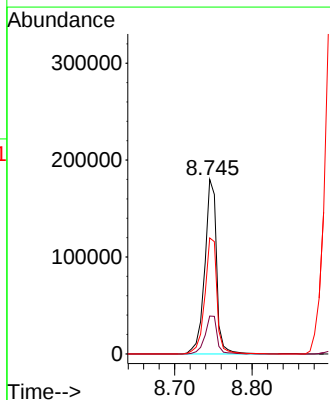
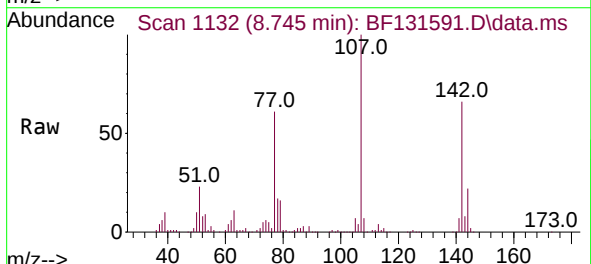
Manual Integrations
APPROVED

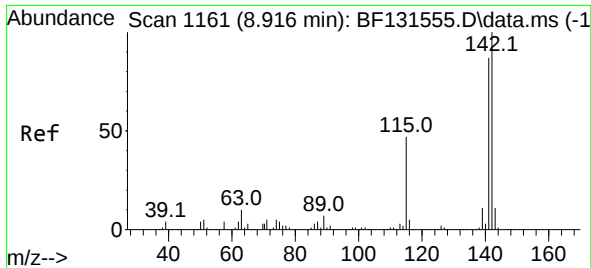
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#36
4-Chloro-3-methylphenol
Concen: 39.120 ng
RT: 8.745 min Scan# 1132
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

Tgt Ion:107 Resp: 190308
Ion Ratio Lower Upper
107 100
144 21.7 17.0 25.4
142 66.5 54.8 82.2





#37
2-Methylnaphthalene
Concen: 36.414 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

Instrument :

BNA_F

ClientSampleId :

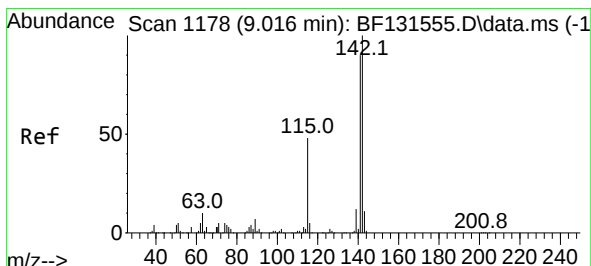
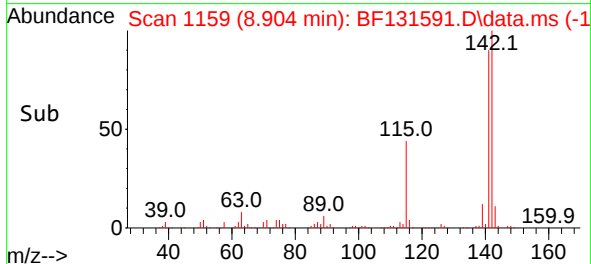
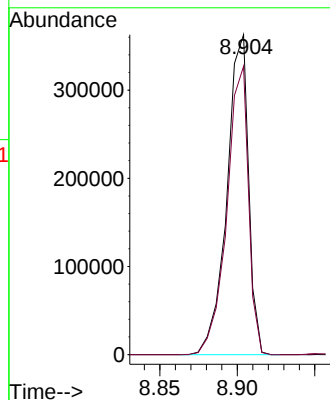
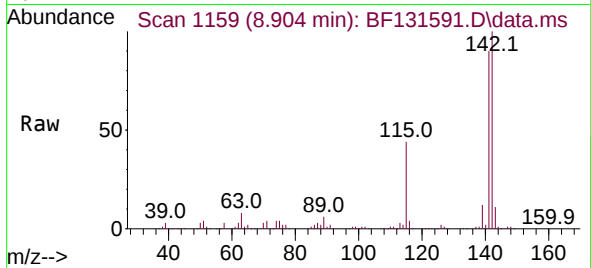
PB149551BS

Tgt Ion:142 Resp: 352439
Ion Ratio Lower Upper
142 100
141 90.1 69.7 104.5

Manual Integrations

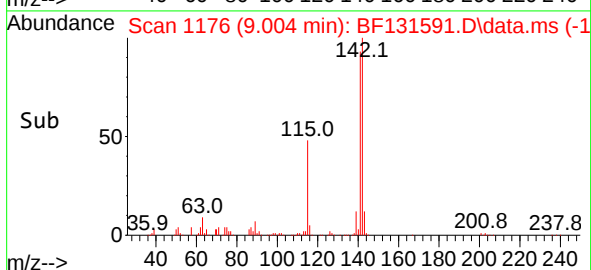
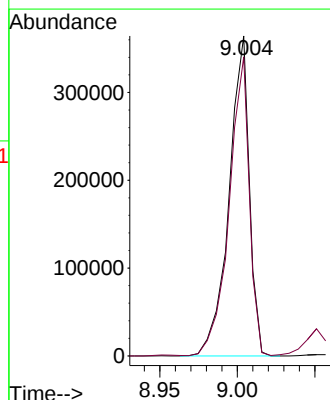
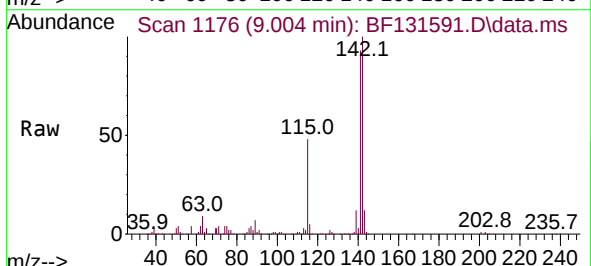
APPROVED

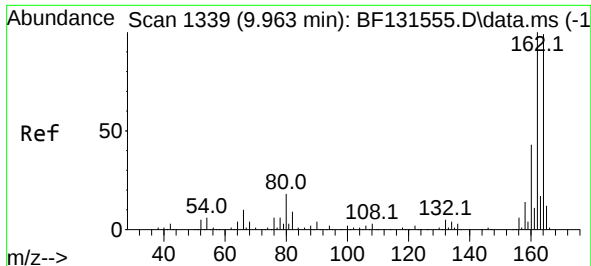
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#38
1-Methylnaphthalene
Concen: 35.658 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

Tgt Ion:142 Resp: 331306
Ion Ratio Lower Upper
142 100
141 93.5 71.9 107.9





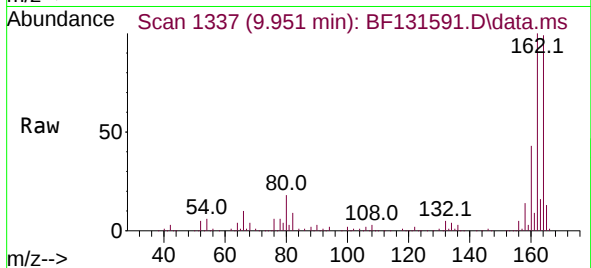
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

Instrument :

BNA_F

ClientSampleId :

PB149551BS

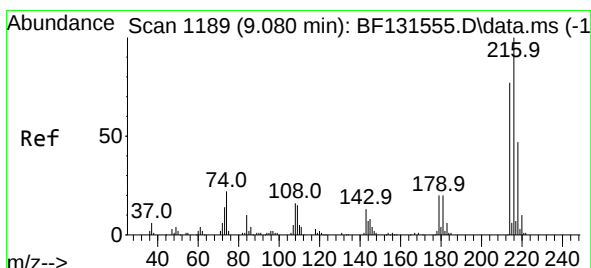
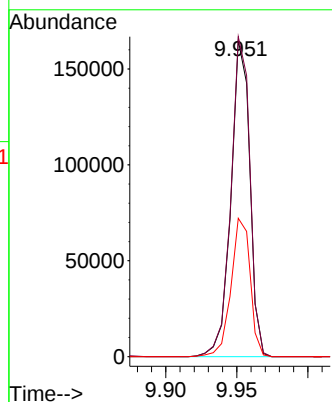
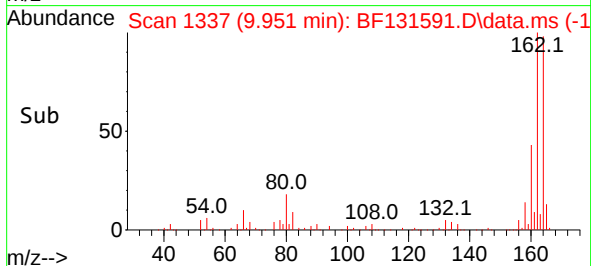


Tgt Ion:164 Resp: 152374
Ion Ratio Lower Upper
164 100
162 101.2 81.0 121.6
160 43.7 35.0 52.6

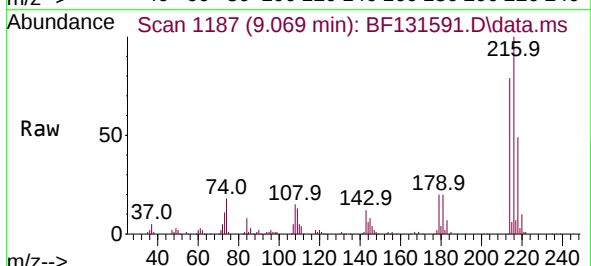
Manual Integrations

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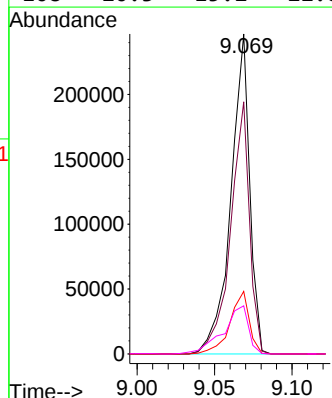
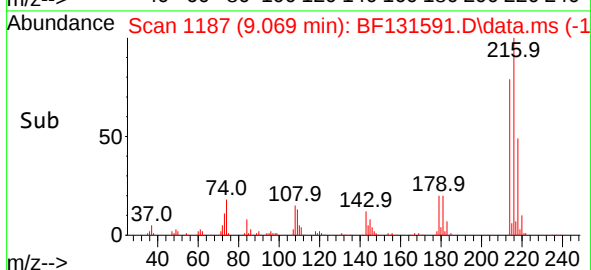
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

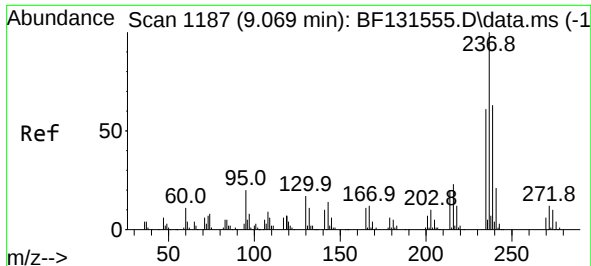


#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.863 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00



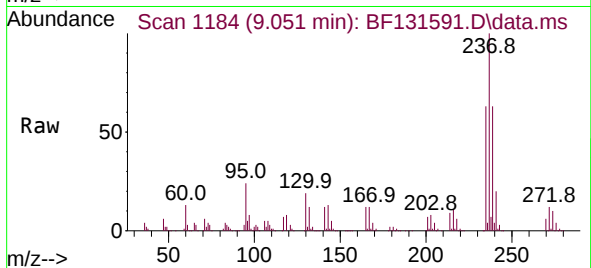
Tgt Ion:216 Resp: 207926
Ion Ratio Lower Upper
216 100
214 79.2 62.1 93.1
179 20.1 16.0 24.0
108 20.3 15.2 22.8





#41
Hexachlorocyclopentadiene
Concen: 82.378 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

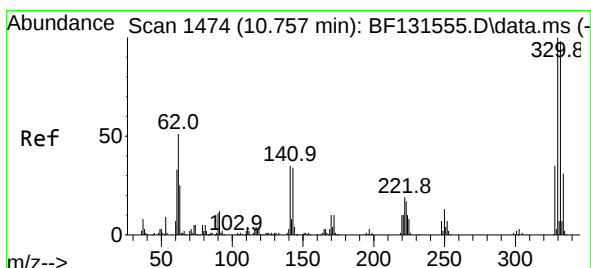
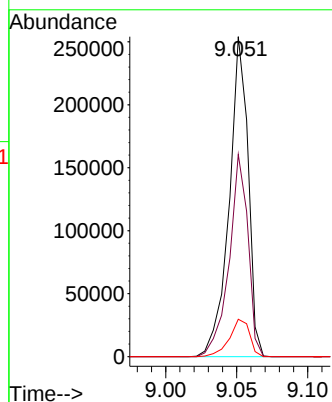
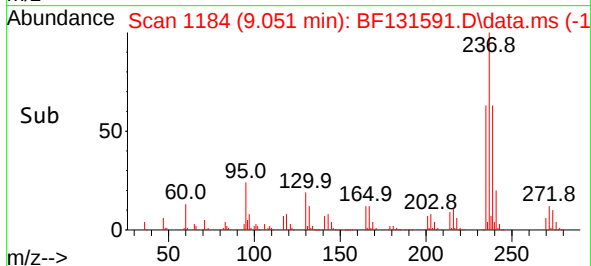
Instrument :
BNA_F
ClientSampleId :
PB149551BS



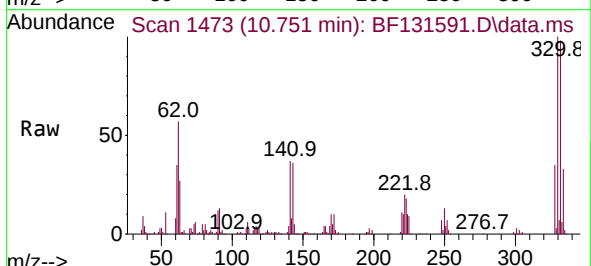
Tgt Ion: 237 Resp: 23584
Ion Ratio Lower Upper
237 100
235 63.2 40.6 80.6
272 11.7 0.0 32.2

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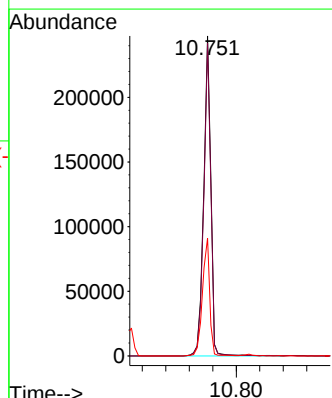
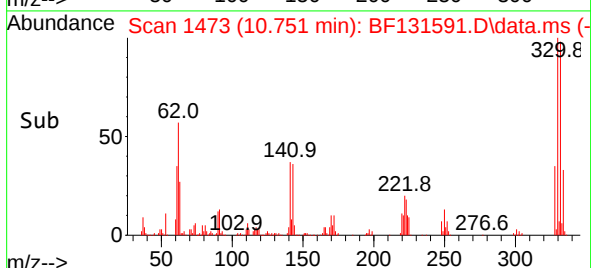
Reviewed By : Christian Giraldo 12/13/2022
Supervised By : Jagrut Upadhyay 12/13/2022

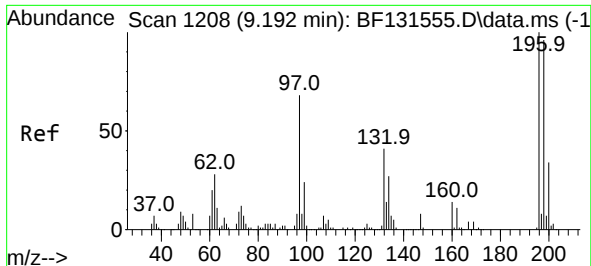


#42
2,4,6-Tribromophenol
Concen: 122.991 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00



Tgt Ion: 330 Resp: 208214
Ion Ratio Lower Upper
330 100
332 95.8 78.3 117.5
141 37.4 32.6 49.0





#43

2,4,6-Trichlorophenol

Concen: 37.813 ng

RT: 9.181 min Scan# 1206

Delta R.T. -0.000 min

Lab File: BF131591.D

Acq: 12 Dec 2022 14:00

Instrument :

BNA_F

ClientSampleId :

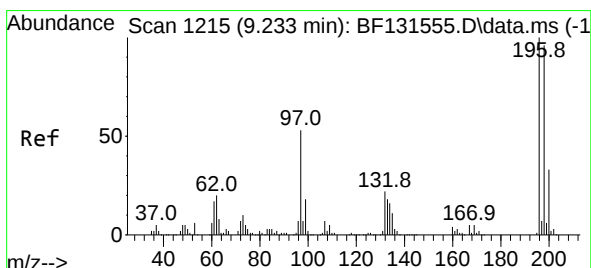
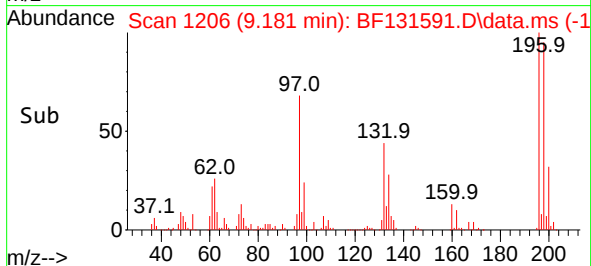
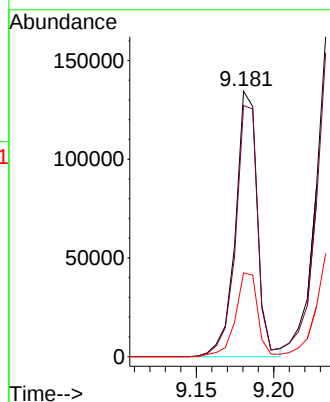
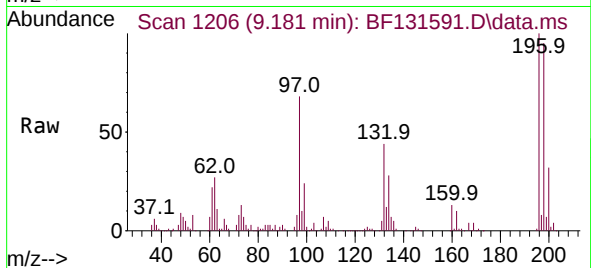
PB149551BS

Tgt Ion:196 Resp: 131924
 Ion Ratio Lower Upper
 196 100
 198 94.6 76.9 115.3
 200 31.6 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: 37.202 ng

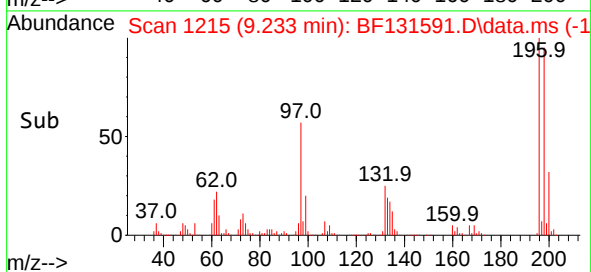
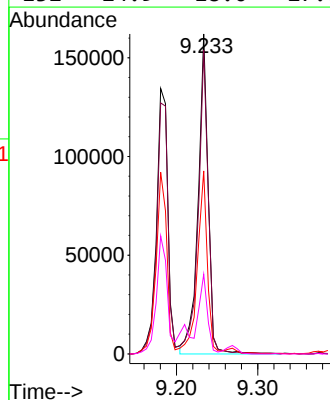
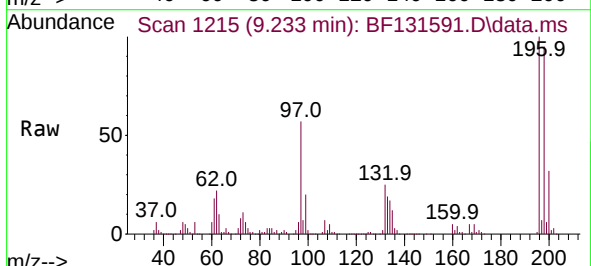
RT: 9.233 min Scan# 1215

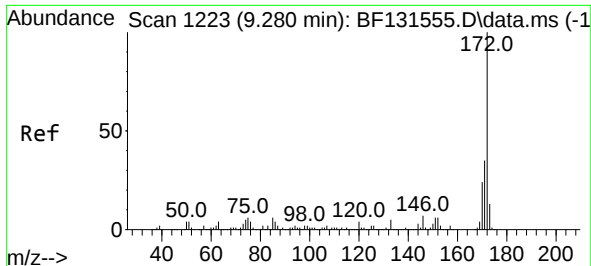
Delta R.T. 0.006 min

Lab File: BF131591.D

Acq: 12 Dec 2022 14:00

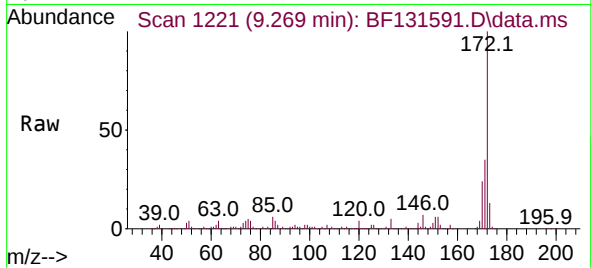
Tgt Ion:196 Resp: 139584
 Ion Ratio Lower Upper
 196 100
 198 95.0 77.2 115.8
 97 57.2 42.2 63.2
 132 24.9 18.0 27.0





#45
2-Fluorobiphenyl
Concen: 67.403 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

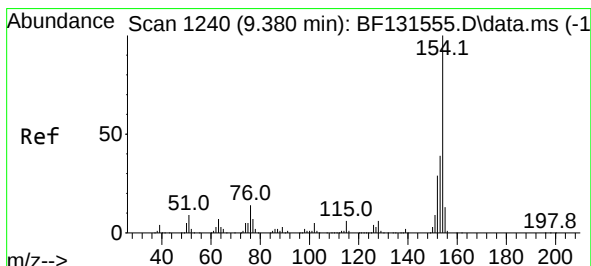
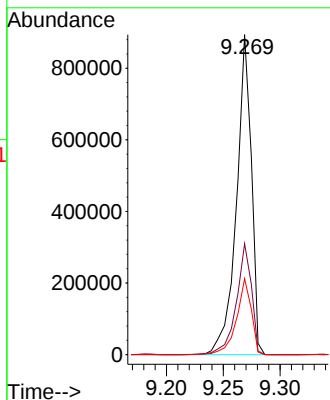
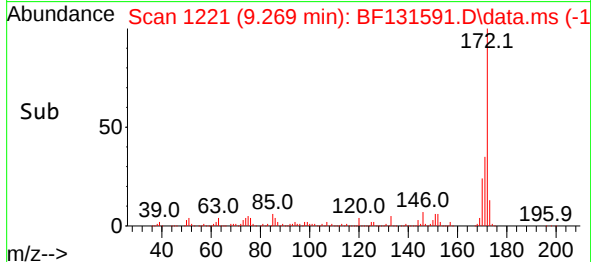
Instrument :
BNA_F
ClientSampleId :
PB149551BS



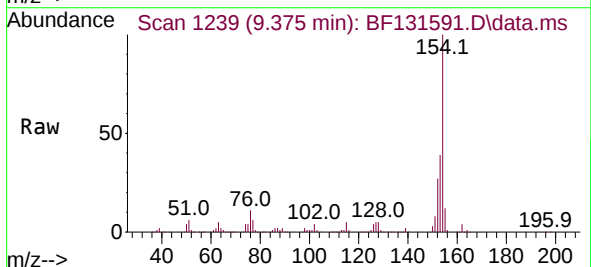
Tgt Ion:172 Resp: 814548
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.8 19.3 28.9

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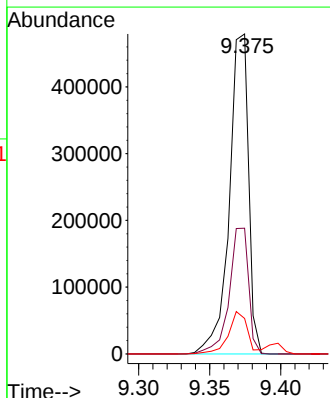
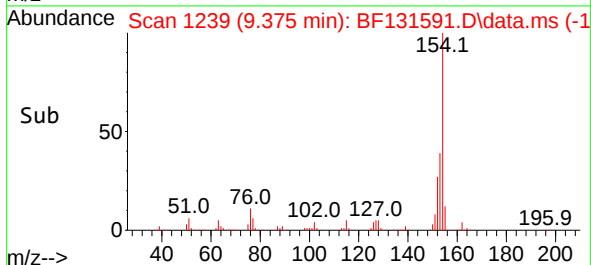
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

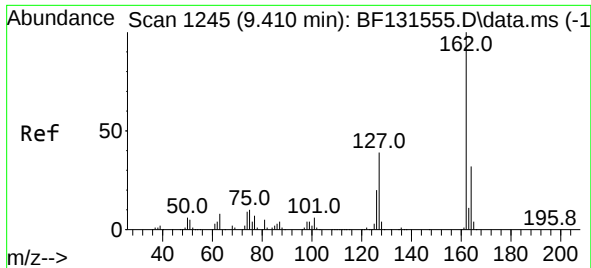


#46
1,1'-Biphenyl
Concen: 37.465 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.006 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00



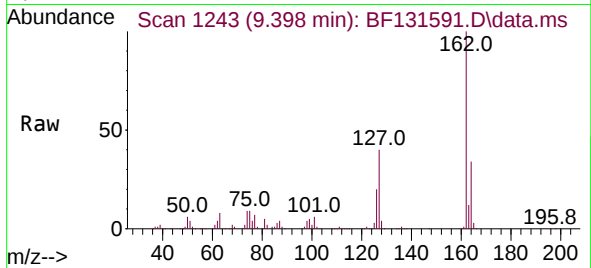
Tgt Ion:154 Resp: 451355
Ion Ratio Lower Upper
154 100
153 39.3 19.4 59.4
76 11.1 0.0 34.0





#47
2-Chloronaphthalene
Concen: 36.699 ng
RT: 9.398 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

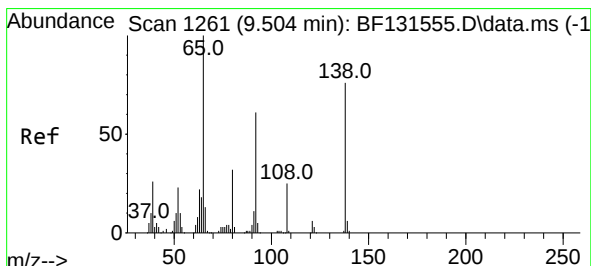
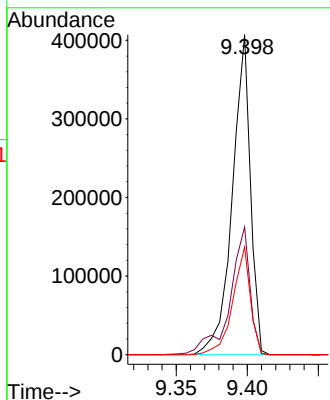
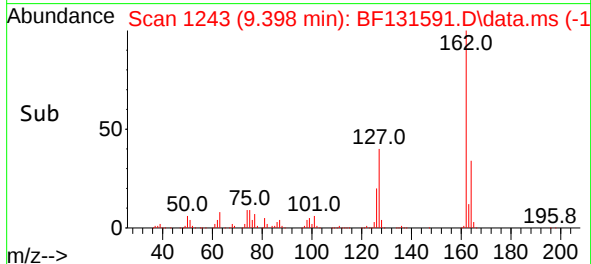
Instrument :
BNA_F
ClientSampleId :
PB149551BS



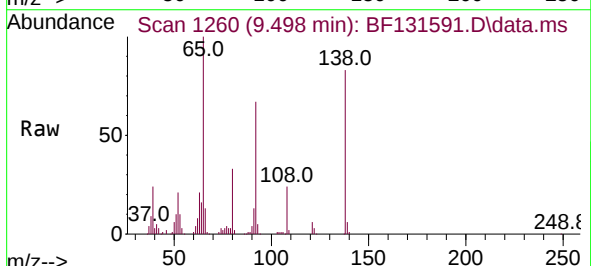
Tgt Ion:162 Resp: 360227
Ion Ratio Lower Upper
162 100
127 39.9 31.4 47.2
164 33.6 25.8 38.8

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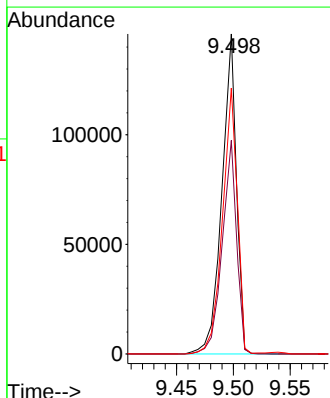
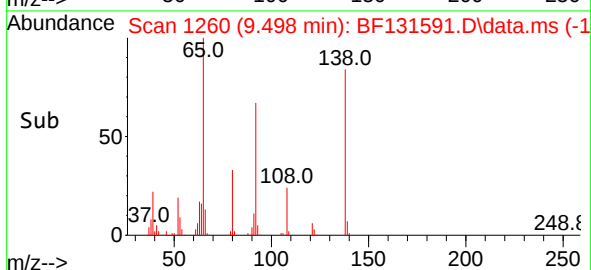
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

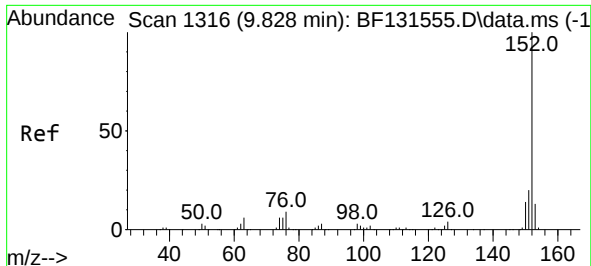


#48
2-Nitroaniline
Concen: 37.226 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00



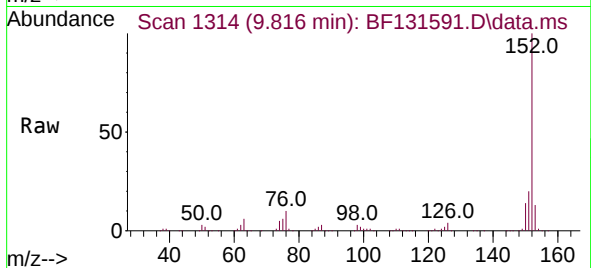
Tgt Ion: 65 Resp: 129439
Ion Ratio Lower Upper
65 100
92 66.7 49.2 73.8
138 83.1 60.7 91.1





#49
Acenaphthylene
Concen: 37.670 ng
RT: 9.816 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

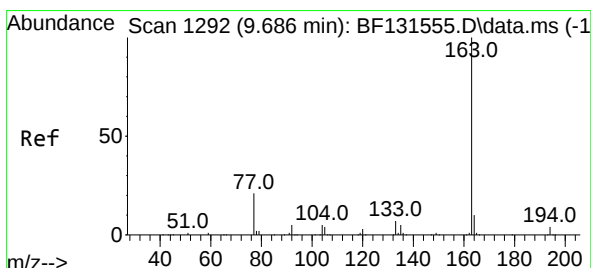
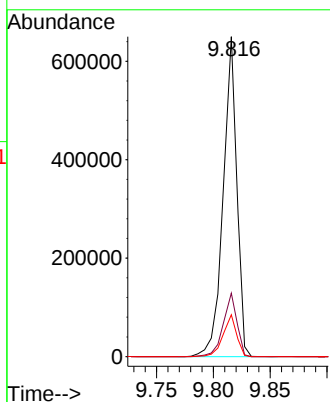
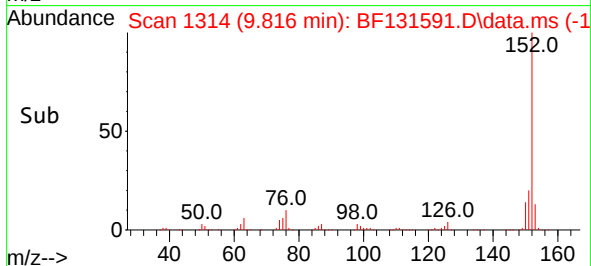
Instrument :
BNA_F
ClientSampleId :
PB149551BS



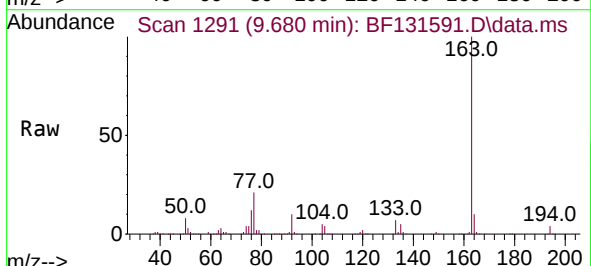
Tgt Ion:152 Resp: 542913
Ion Ratio Lower Upper
152 100
151 19.8 15.6 23.4
153 13.1 10.4 15.6

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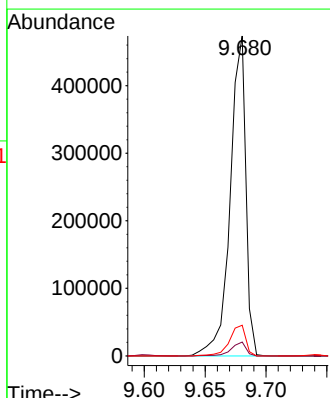
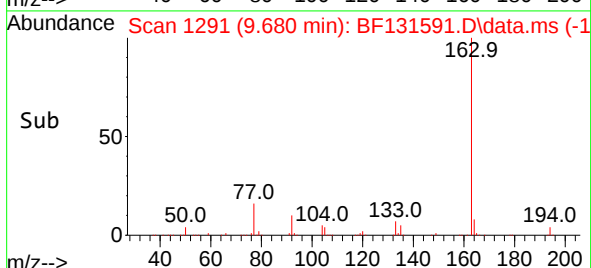
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

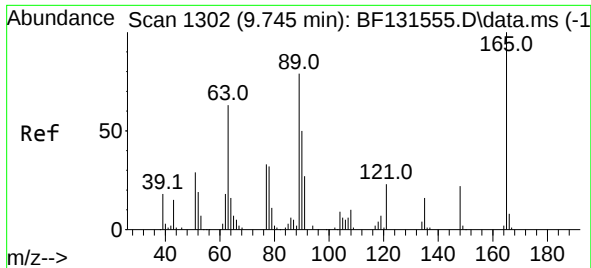


#50
Dimethylphthalate
Concen: 36.551 ng
RT: 9.680 min Scan# 1291
Delta R.T. 0.006 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00



Tgt Ion:163 Resp: 424563
Ion Ratio Lower Upper
163 100
194 4.3 3.1 4.7
164 9.6 7.8 11.6





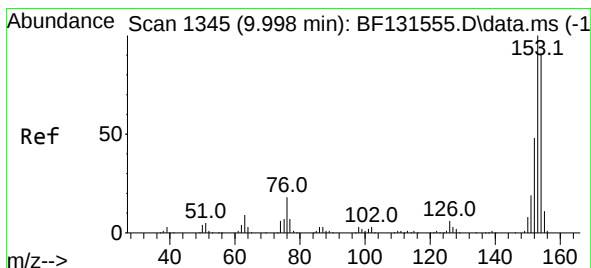
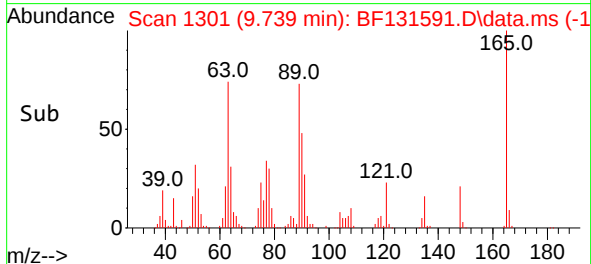
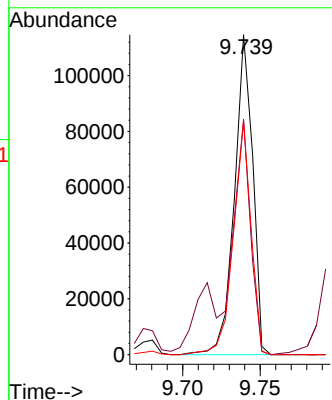
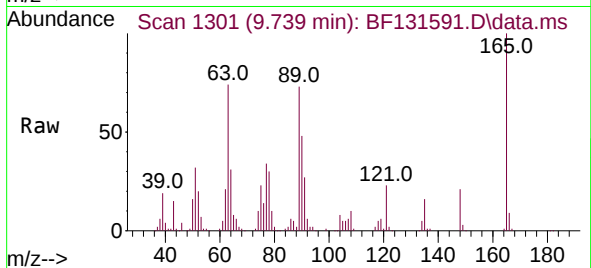
#51
2,6-Dinitrotoluene
Concen: 39.162 ng
RT: 9.739 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

Instrument :
BNA_F
ClientSampleId :
PB149551BS

Tgt Ion:165 Resp: 93912
Ion Ratio Lower Upper
165 100
63 73.6 67.9 101.9
89 73.1 63.2 94.8

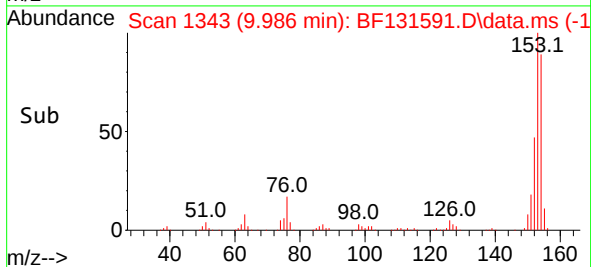
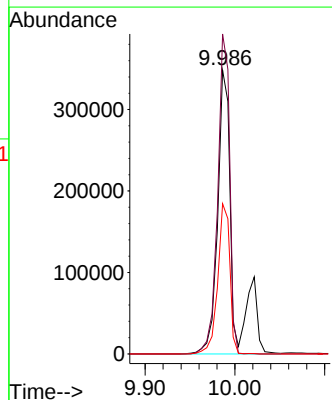
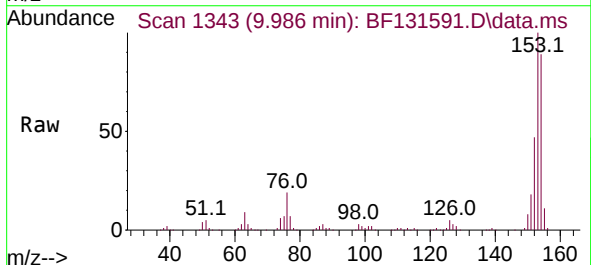
Manual Integrations
APPROVED

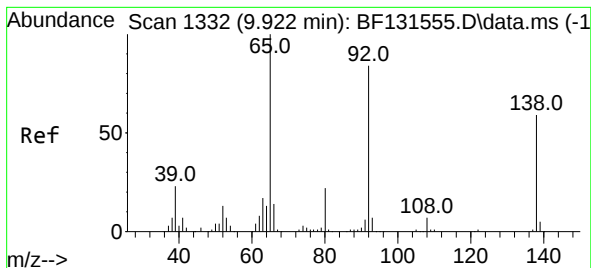
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#52
Acenaphthene
Concen: 42.096 ng m
RT: 9.986 min Scan# 1343
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

Tgt Ion:154 Resp: 406439
Ion Ratio Lower Upper
154 100
153 112.8 87.9 131.9
152 52.9 42.4 63.6





#53
3-Nitroaniline
Concen: 29.140 ng
RT: 9.910 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

Instrument :

BNA_F

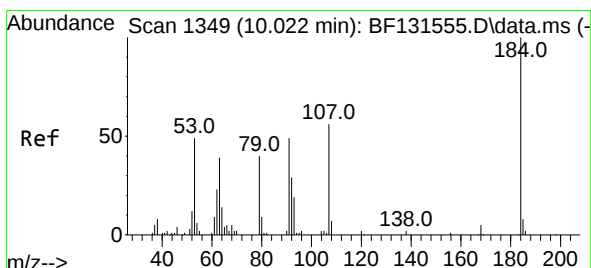
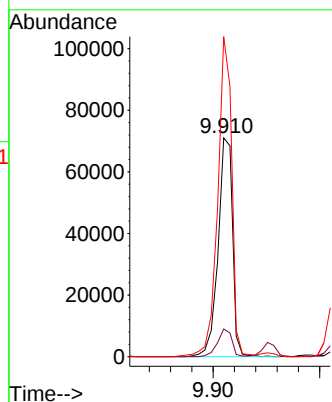
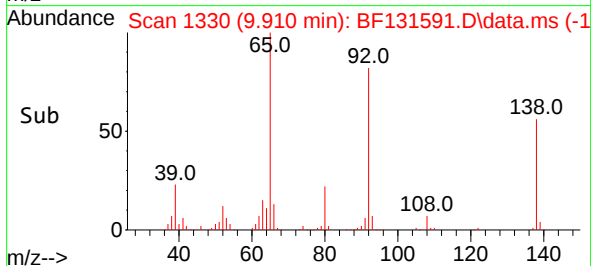
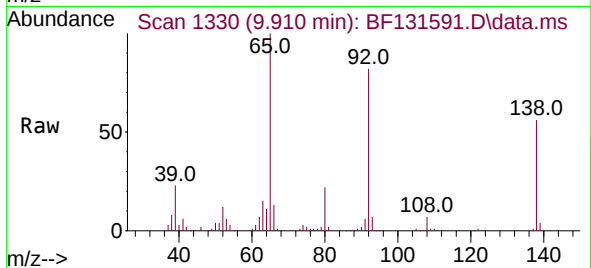
ClientSampleId :

PB149551BS

Tgt Ion:138 Resp: 67046
Ion Ratio Lower Upper
138 100
108 12.6 9.6 14.4
92 146.3 113.4 170.0

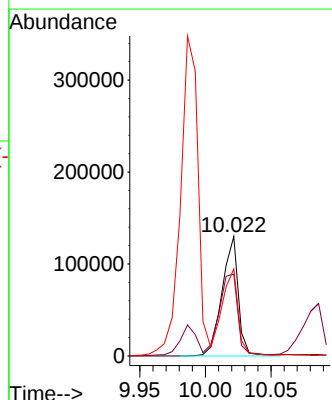
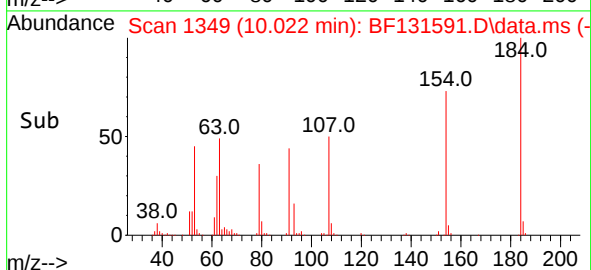
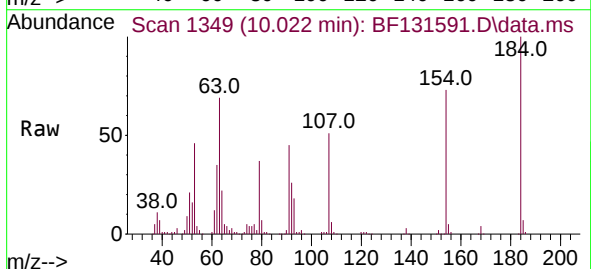
Manual Integrations
APPROVED

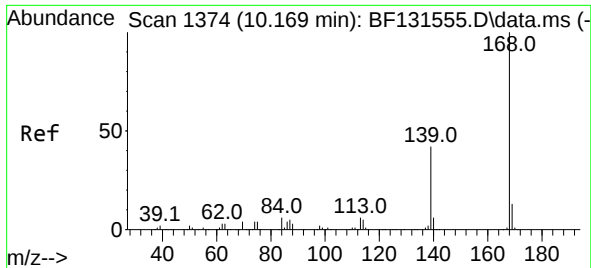
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#54
2,4-Dinitrophenol
Concen: 82.180 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

Tgt Ion:184 Resp: 112974
Ion Ratio Lower Upper
184 100
63 68.5 60.7 91.1
154 72.8 59.0 88.6





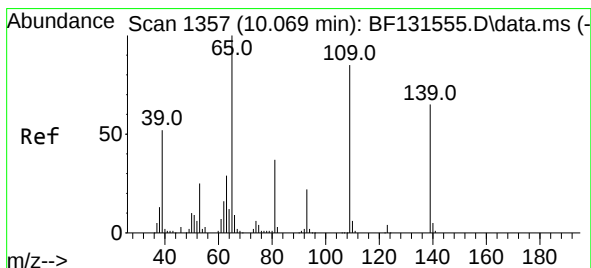
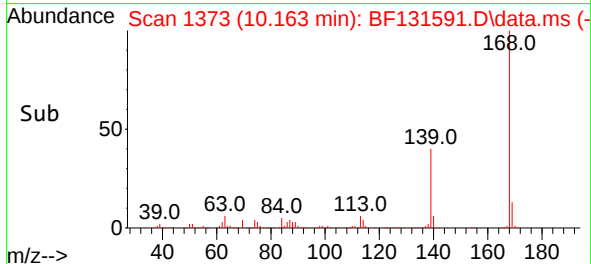
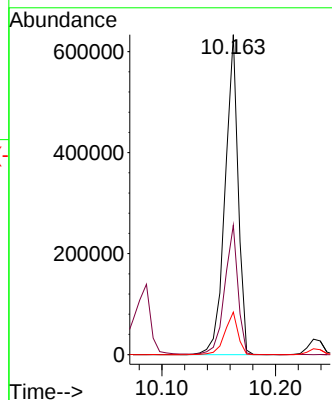
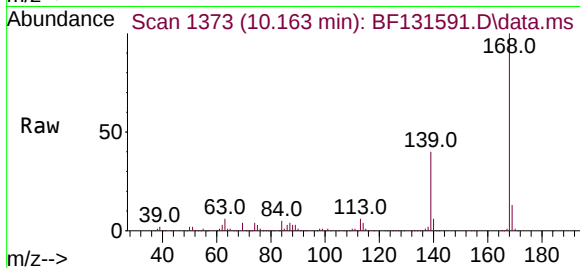
#55
Dibenzenofuran
Concen: 36.948 ng
RT: 10.163 min Scan# 1373
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

Instrument :
BNA_F
ClientSampleId :
PB149551BS

Tgt Ion:168 Resp: 504039
Ion Ratio Lower Upper
168 100
139 40.4 33.9 50.9
169 13.3 10.7 16.1

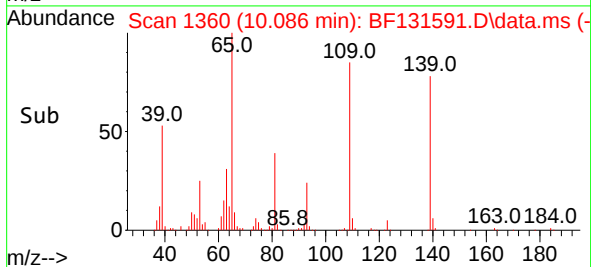
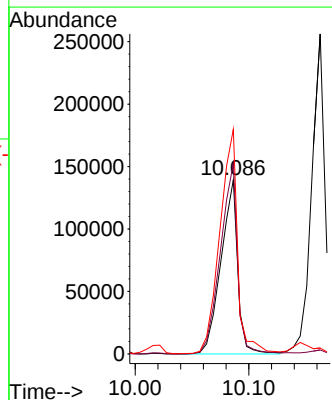
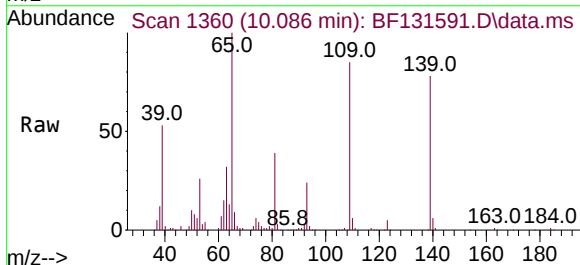
Manual Integrations
APPROVED

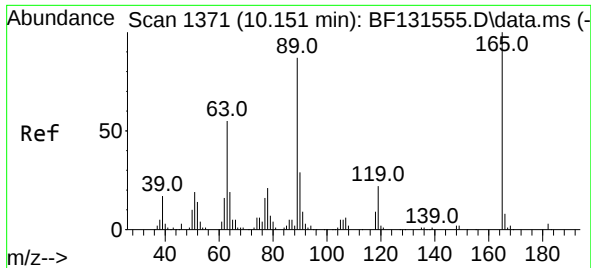
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#56
4-Nitrophenol
Concen: 89.167 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.012 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

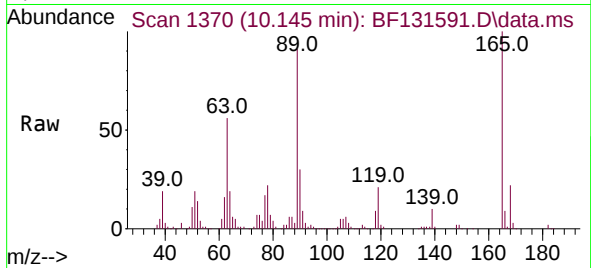
Tgt Ion:139 Resp: 142520
Ion Ratio Lower Upper
139 100
109 109.5 110.2 150.2#
65 129.0 133.3 173.3#





#57
2,4-Dinitrotoluene
Concen: 41.318 ng
RT: 10.145 min Scan# 1371
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

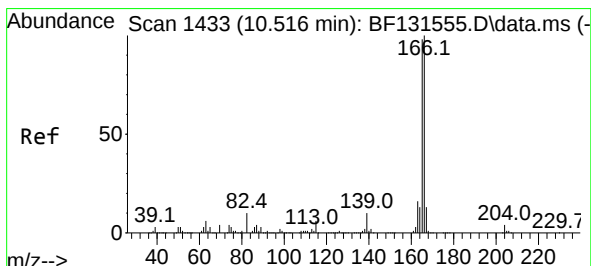
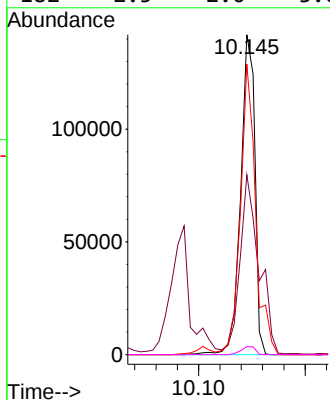
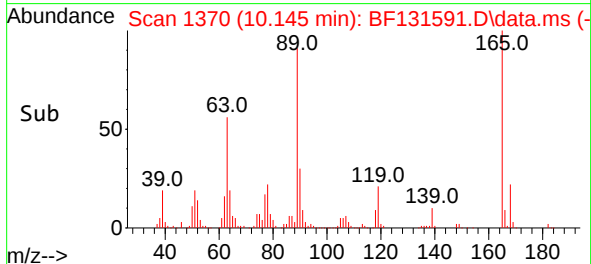
Instrument :
BNA_F
ClientSampleId :
PB149551BS



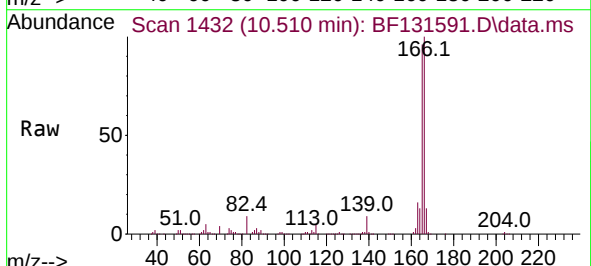
Tgt Ion:165 Resp: 131434
Ion Ratio Lower Upper
165 100
63 56.2 44.4 66.6
89 90.8 69.6 104.4
182 2.5 2.0 3.0

Manual Integrations
APPROVED

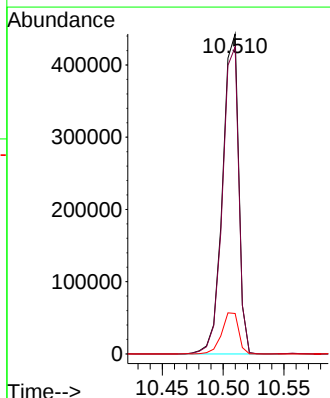
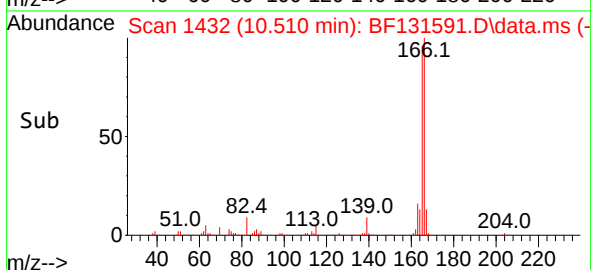
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

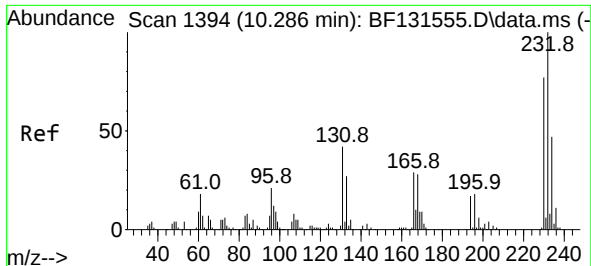


#58
Fluorene
Concen: 36.719 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00



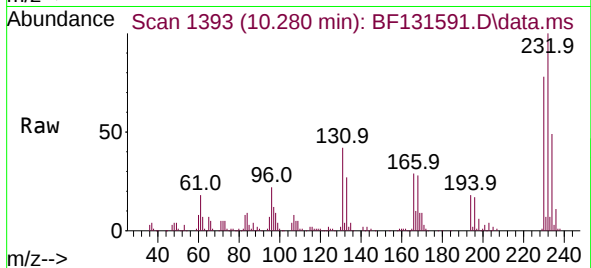
Tgt Ion:166 Resp: 407226
Ion Ratio Lower Upper
166 100
165 95.9 78.4 117.6
167 12.6 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 36.940 ng m
RT: 10.280 min Scan# 1394
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

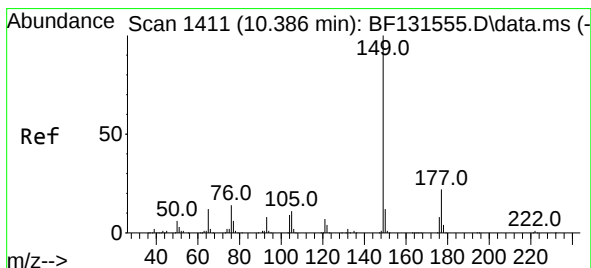
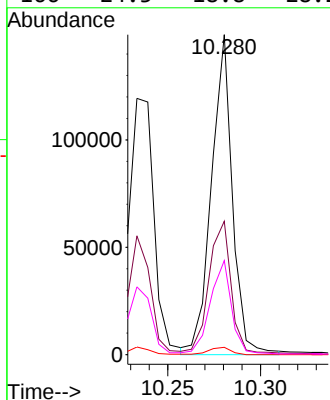
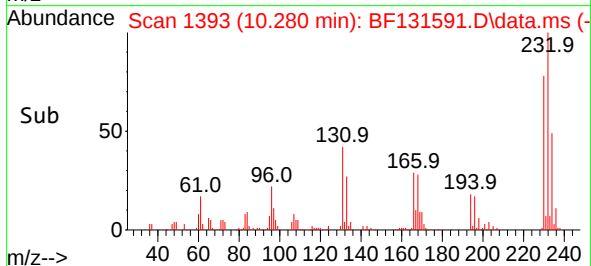
Instrument :
BNA_F
ClientSampleId :
PB149551BS



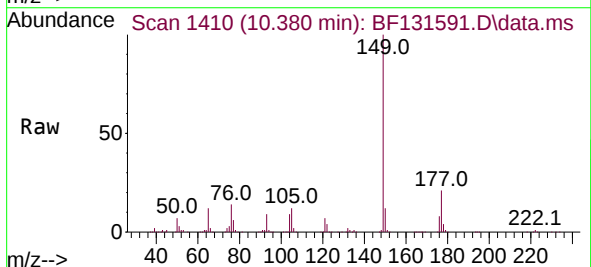
Tgt Ion:232 Resp: 117362
Ion Ratio Lower Upper
232 100
131 40.1 31.0 46.6
130 2.4 1.8 2.8
166 24.3 18.8 28.2

Manual Integrations
APPROVED

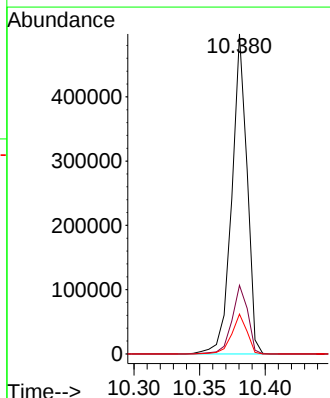
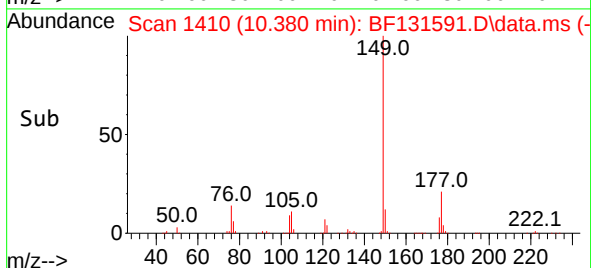
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

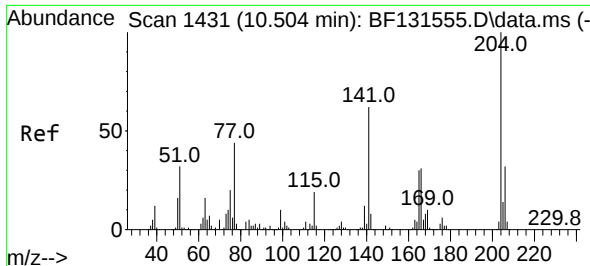


#60
Diethylphthalate
Concen: 35.938 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00



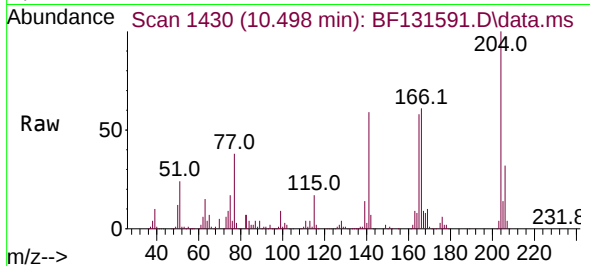
Tgt Ion:149 Resp: 400597
Ion Ratio Lower Upper
149 100
177 21.5 17.4 26.2
150 12.4 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 35.505 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

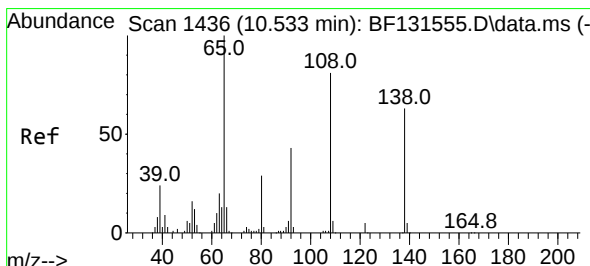
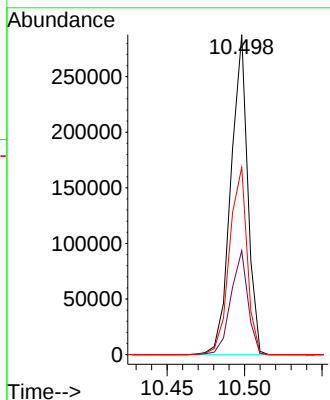
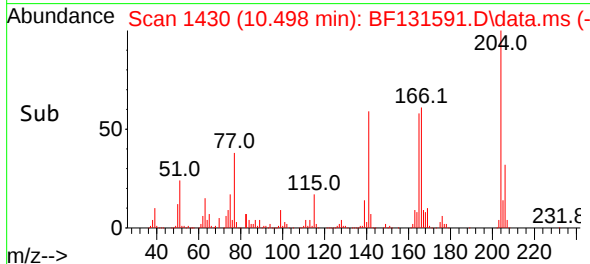
Instrument :
BNA_F
ClientSampleId :
PB149551BS



Tgt Ion:204 Resp: 217601
Ion Ratio Lower Upper
204 100
206 32.5 25.4 38.2
141 58.6 49.5 74.3

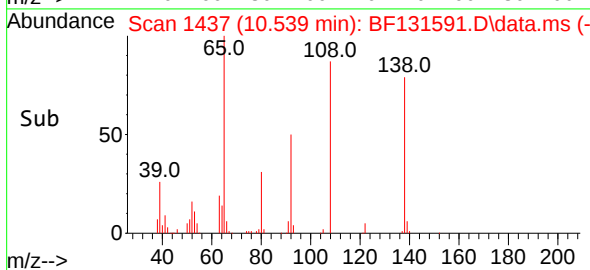
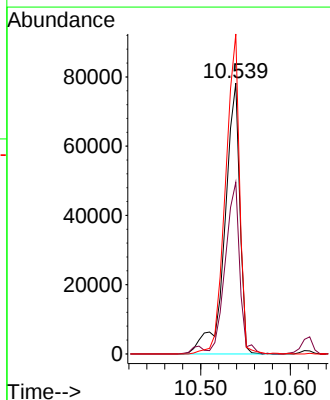
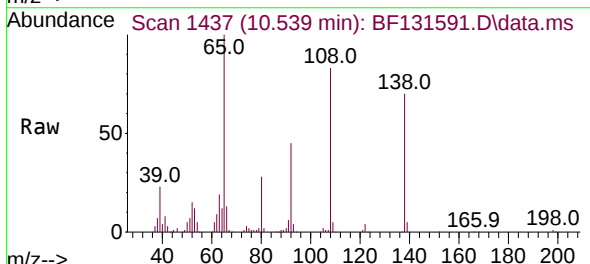
Manual Integrations
APPROVED

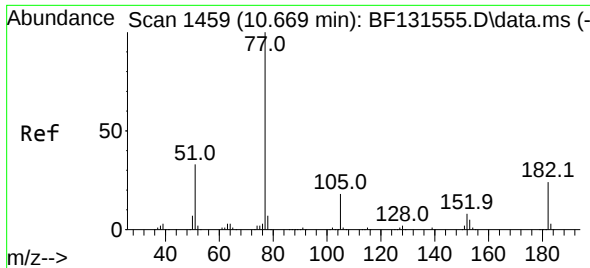
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#62
4-Nitroaniline
Concen: 39.733 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.006 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

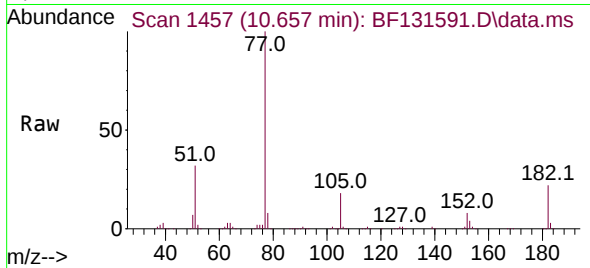
Tgt Ion:138 Resp: 90590
Ion Ratio Lower Upper
138 100
92 63.4 47.5 87.5
108 118.2 108.8 148.8





#63
Azobenzene
Concen: 34.584 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

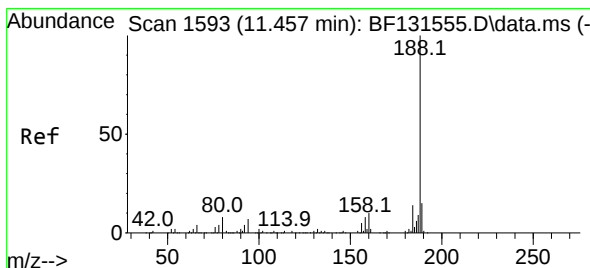
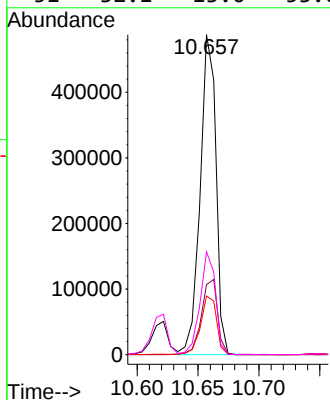
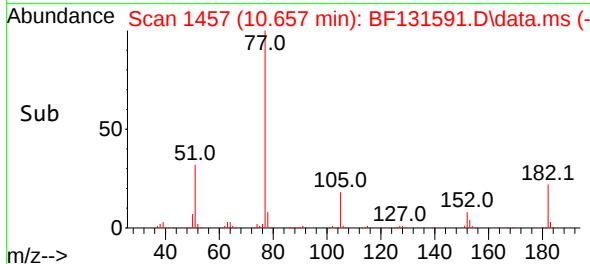
Instrument :
BNA_F
ClientSampleId :
PB149551BS



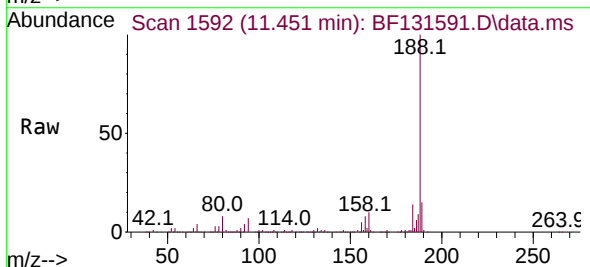
Tgt Ion: 77 Resp: 439683
Ion Ratio Lower Upper
77 100
182 21.9 3.9 43.9
105 18.3 0.0 38.3
51 32.1 13.0 53.0

Manual Integrations
APPROVED

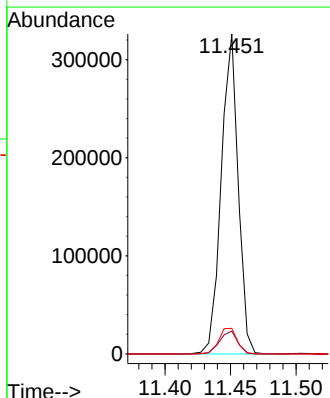
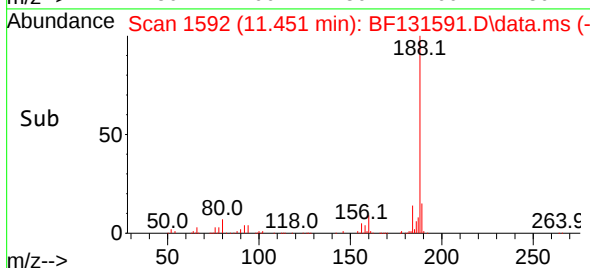
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

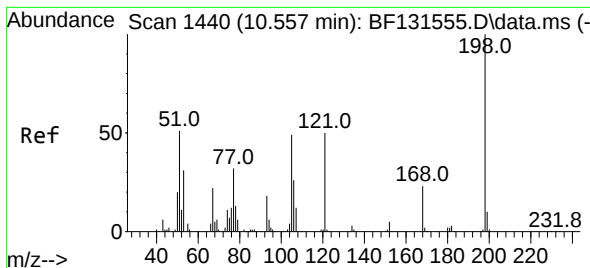


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00



Tgt Ion:188 Resp: 293556
Ion Ratio Lower Upper
188 100
94 7.1 5.5 8.3
80 8.0 6.6 10.0





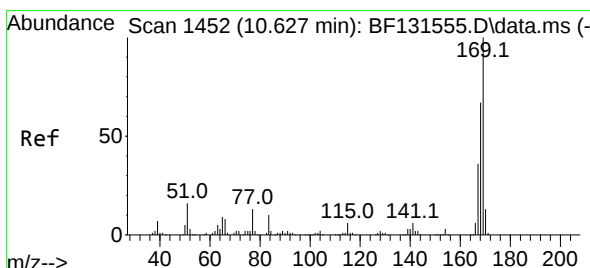
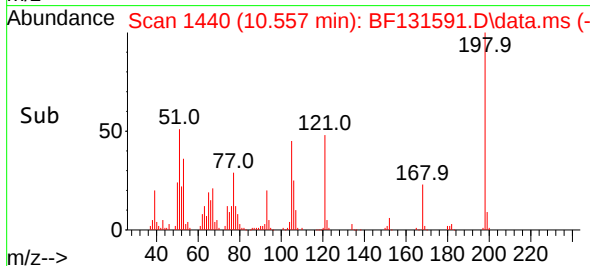
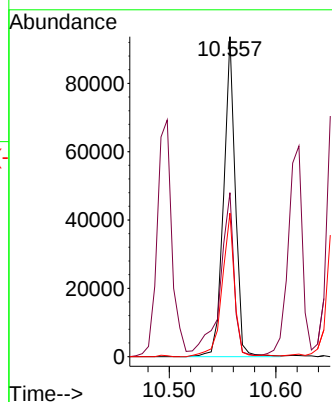
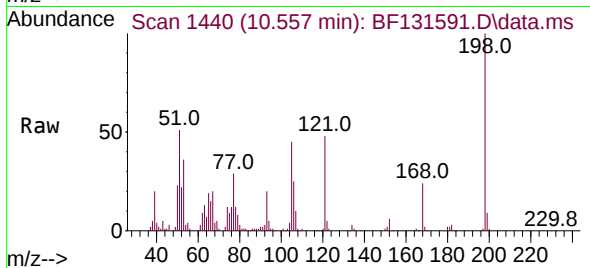
#65
4,6-Dinitro-2-methylphenol
Concen: 38.368 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

Instrument :
BNA_F
ClientSampleId :
PB149551BS

Tgt Ion:198 Resp: 71332
Ion Ratio Lower Upper
198 100
51 51.2 36.7 76.7
105 44.8 29.9 69.9

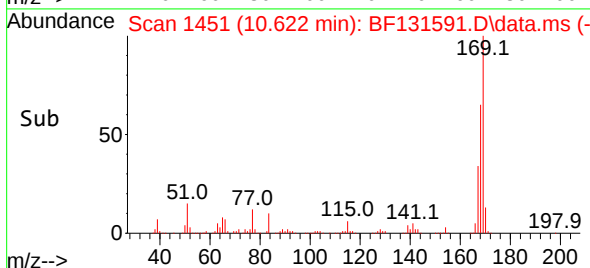
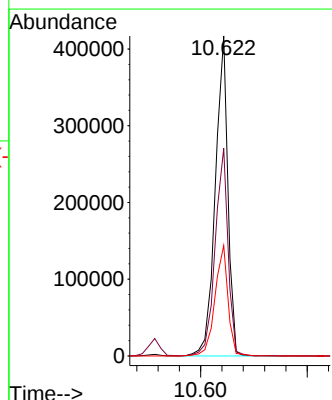
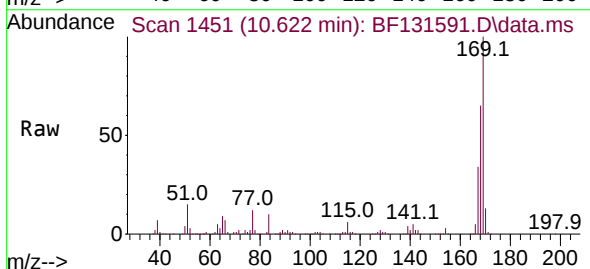
Manual Integrations
APPROVED

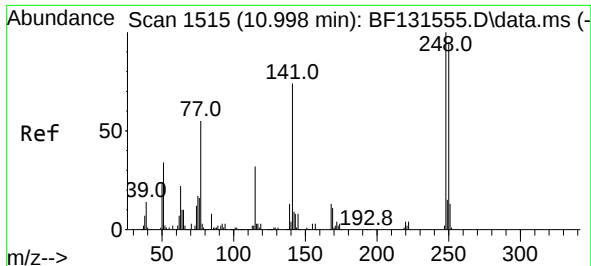
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#66
n-Nitrosodiphenylamine
Concen: 36.125 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

Tgt Ion:169 Resp: 342843
Ion Ratio Lower Upper
169 100
168 64.9 53.8 80.6
167 34.5 29.1 43.7





#67
4-Bromophenyl-phenylether
Concen: 35.296 ng
RT: 10.992 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

Instrument :

BNA_F

ClientSampleId :

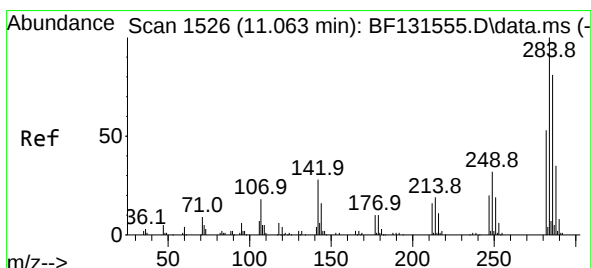
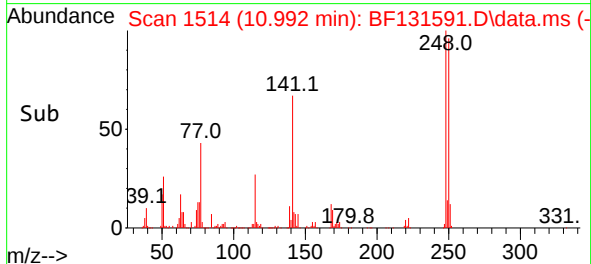
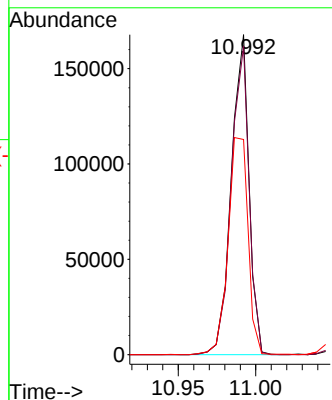
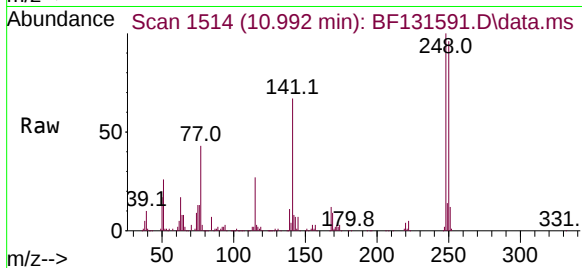
PB149551BS

Tgt Ion:248 Resp: 133293
Ion Ratio Lower Upper
248 100
250 96.3 76.2 114.2
141 67.2 59.5 89.3

Manual Integrations

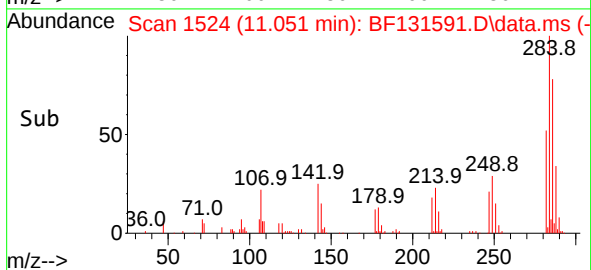
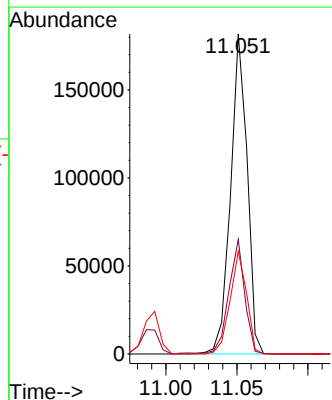
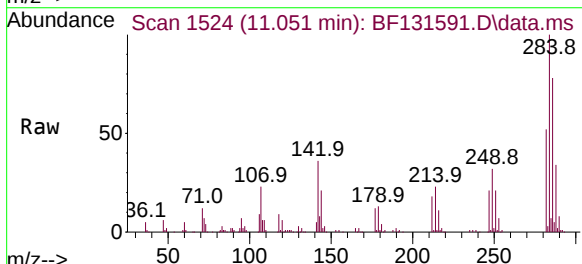
APPROVED

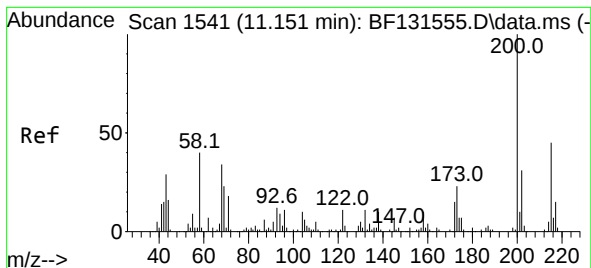
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#68
Hexachlorobenzene
Concen: 36.046 ng
RT: 11.051 min Scan# 1524
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

Tgt Ion:284 Resp: 147239
Ion Ratio Lower Upper
284 100
142 35.7 22.3 33.5#
249 32.0 25.4 38.2





#69

Atrazine

Concen: 37.801 ng

RT: 11.151 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF131591.D

Acq: 12 Dec 2022 14:00

Instrument :

BNA_F

ClientSampleId :

PB149551BS

Tgt Ion:200 Resp: 113922

Ion Ratio Lower Upper

200 100

173 22.8 3.4 43.4

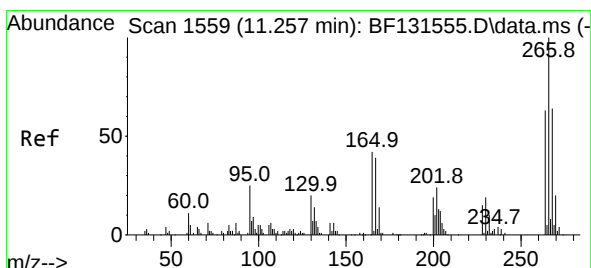
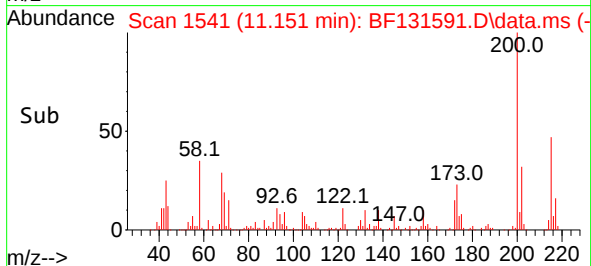
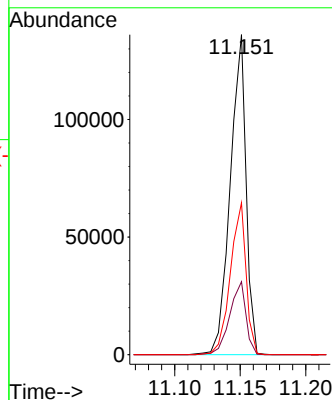
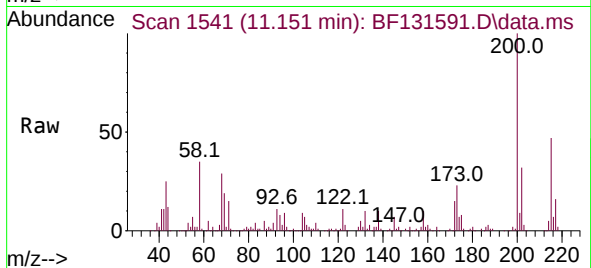
215 47.4 25.0 65.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/13/2022

Supervised By :Jagrut Upadhyay 12/13/2022



#70

Pentachlorophenol

Concen: 77.787 ng

RT: 11.251 min Scan# 1558

Delta R.T. -0.000 min

Lab File: BF131591.D

Acq: 12 Dec 2022 14:00

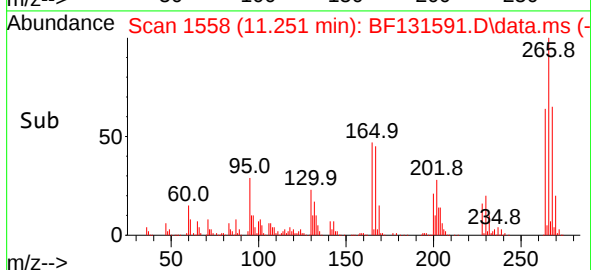
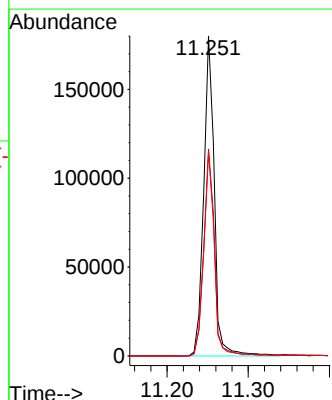
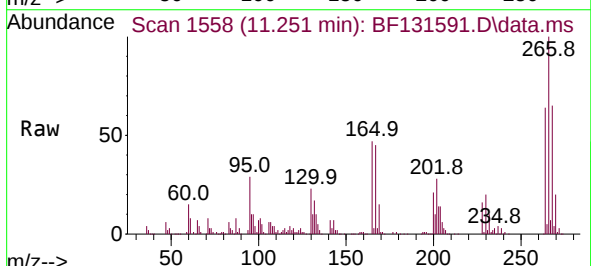
Tgt Ion:266 Resp: 163577

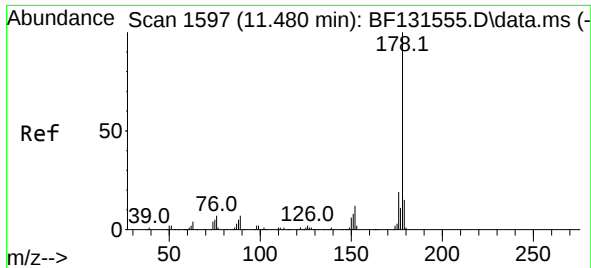
Ion Ratio Lower Upper

266 100

268 64.6 51.5 77.3

264 63.9 50.7 76.1





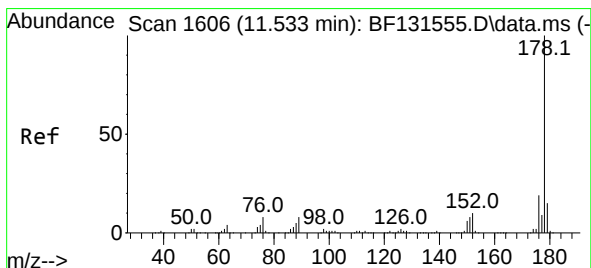
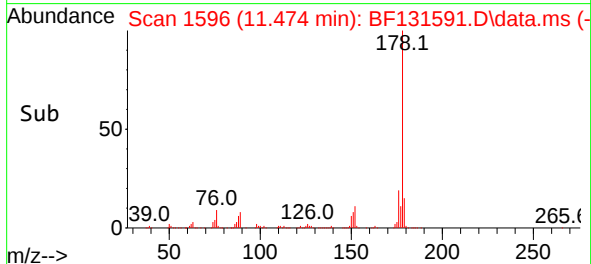
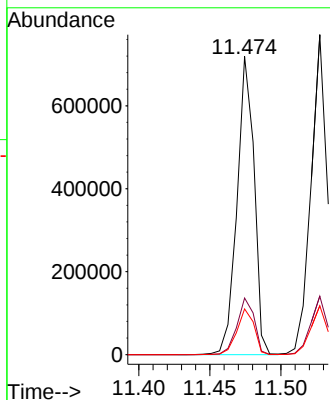
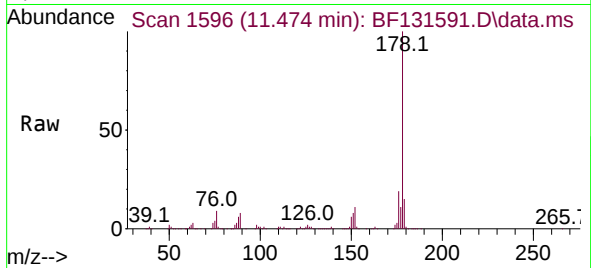
#71
Phenanthrene
Concen: 36.620 ng
RT: 11.474 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

Instrument :
BNA_F
ClientSampleId :
PB149551BS

Tgt Ion:178 Resp: 599195
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.3 12.2 18.4

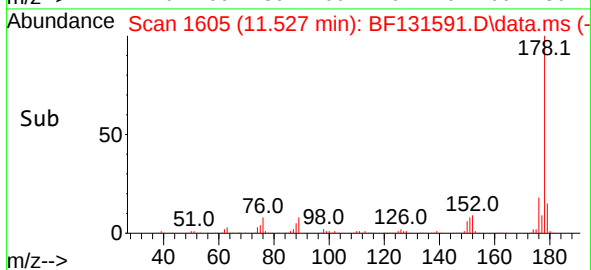
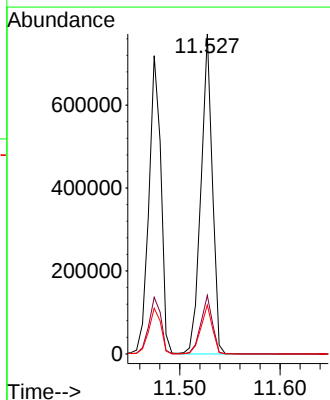
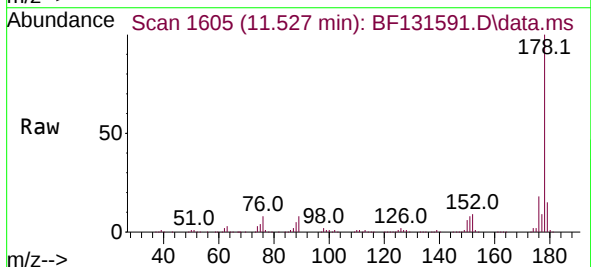
Manual Integrations
APPROVED

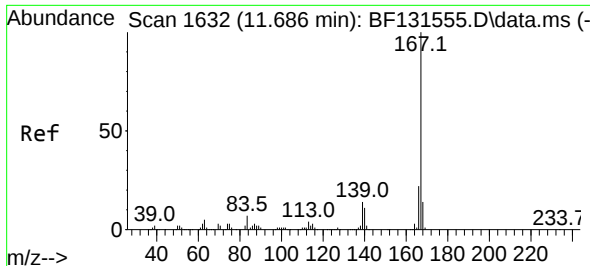
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022



#72
Anthracene
Concen: 38.157 ng
RT: 11.527 min Scan# 1605
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

Tgt Ion:178 Resp: 607422
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.6
179 15.3 12.3 18.5





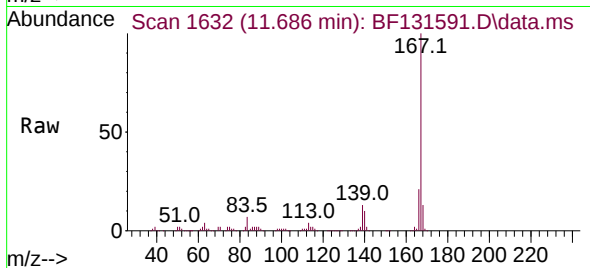
#73
 Carbazole
 Concen: 40.998 ng
 RT: 11.686 min Scan# 1632
 Delta R.T. -0.000 min
 Lab File: BF131591.D
 Acq: 12 Dec 2022 14:00

Instrument :

BNA_F

ClientSampleId :

PB149551BS

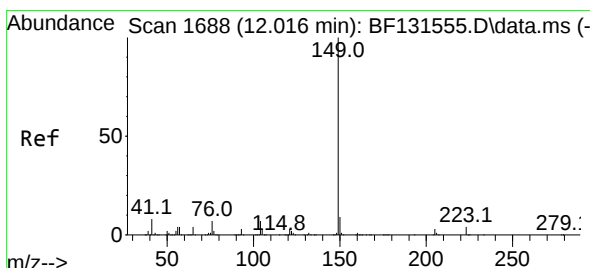
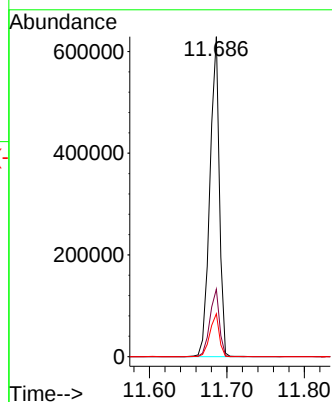
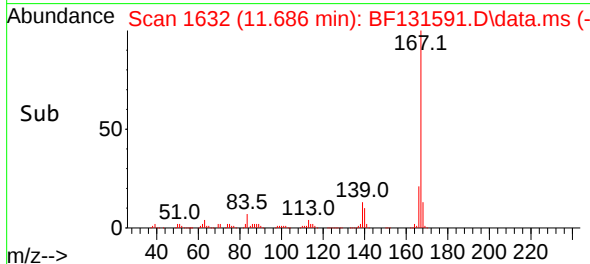


Tgt Ion:167 Resp: 532721
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.4 26.0
 139 13.4 11.0 16.4

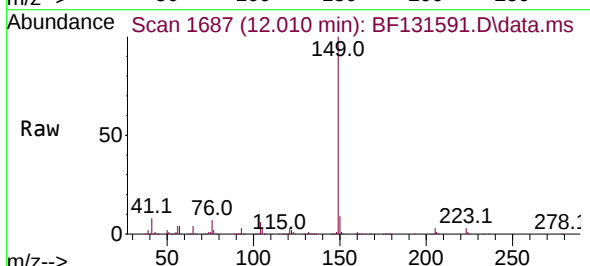
Manual Integrations

APPROVED

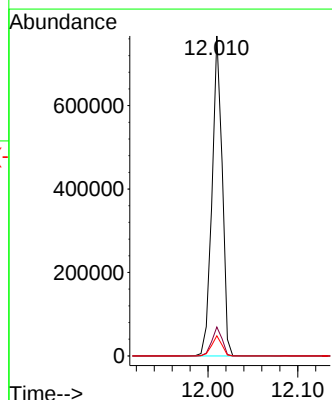
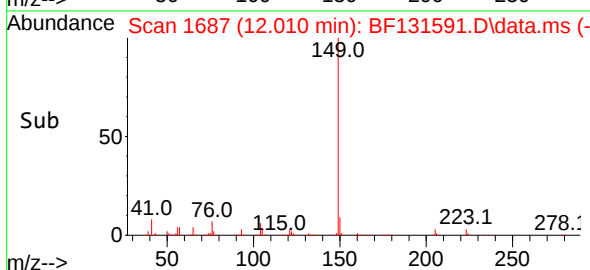
Reviewed By :Christian Giraldo 12/13/2022
 Supervised By :Jagrut Upadhyay 12/13/2022

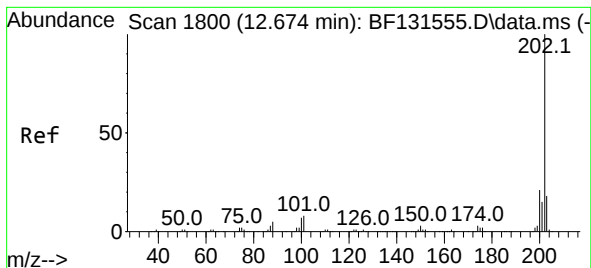


#74
 Di-n-butylphthalate
 Concen: 37.721 ng
 RT: 12.010 min Scan# 1687
 Delta R.T. -0.000 min
 Lab File: BF131591.D
 Acq: 12 Dec 2022 14:00



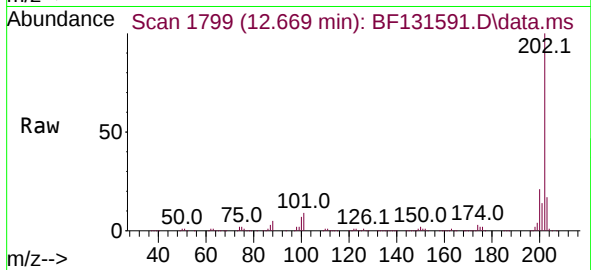
Tgt Ion:149 Resp: 601313
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.2 10.8
 104 6.3 5.2 7.8





#75
Fluoranthene
Concen: 40.096 ng
RT: 12.669 min Scan# 1799
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

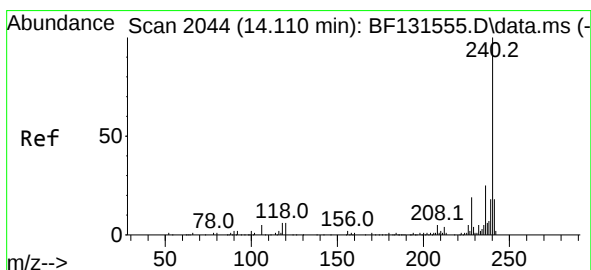
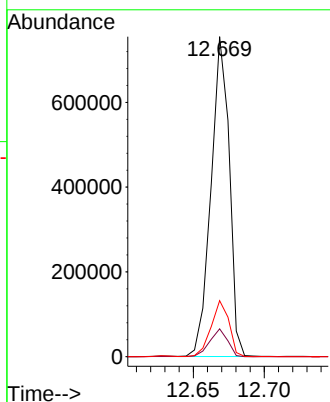
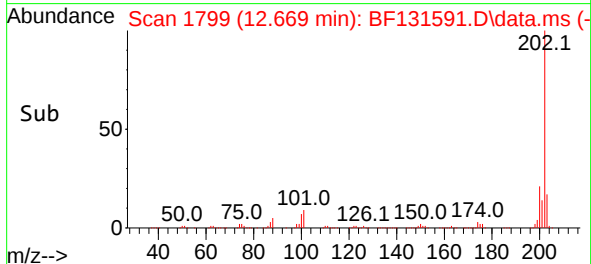
Instrument :
BNA_F
ClientSampleId :
PB149551BS



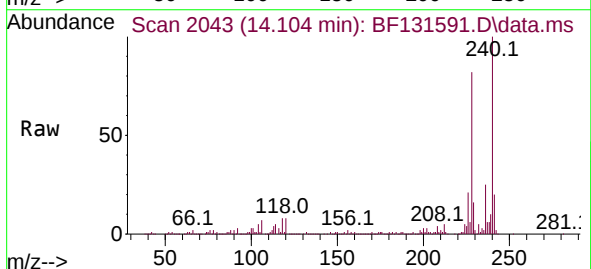
Tgt Ion:202 Resp: 675576
Ion Ratio Lower Upper
202 100
101 8.7 0.0 27.7
203 17.5 0.0 37.7

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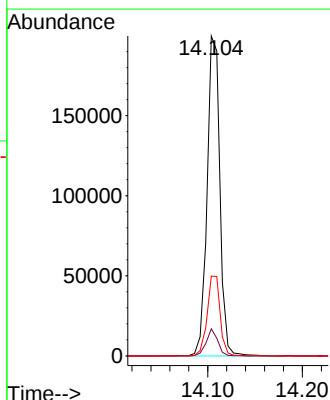
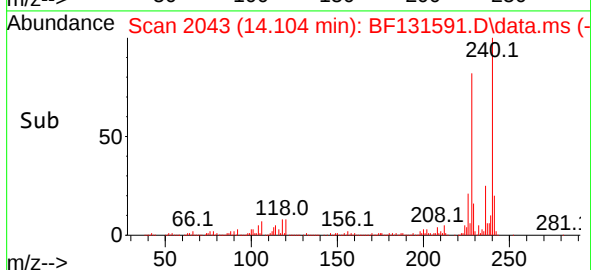
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

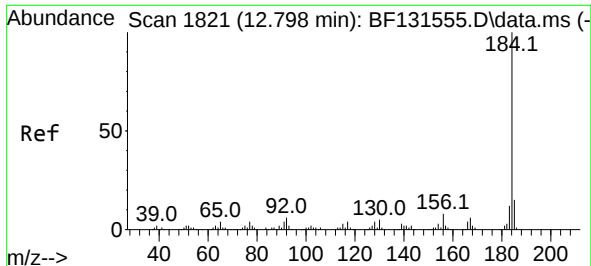


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00



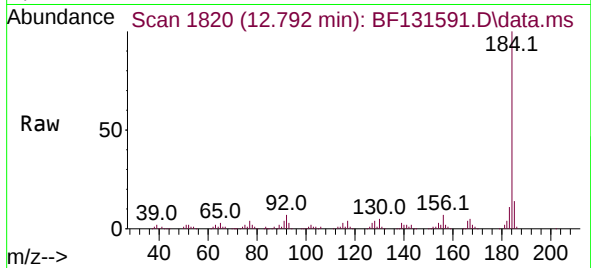
Tgt Ion:240 Resp: 187766
Ion Ratio Lower Upper
240 100
120 8.5 4.6 7.0#
236 24.9 20.2 30.2





#77
Benzidine
Concen: 34.027 ng
RT: 12.792 min Scan# 1820
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

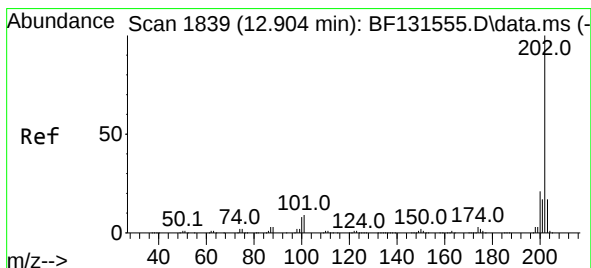
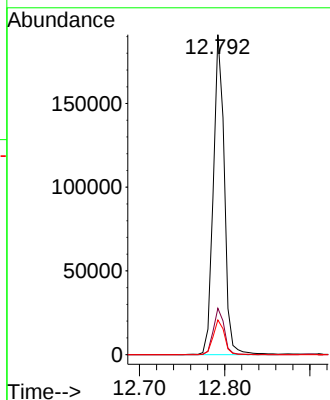
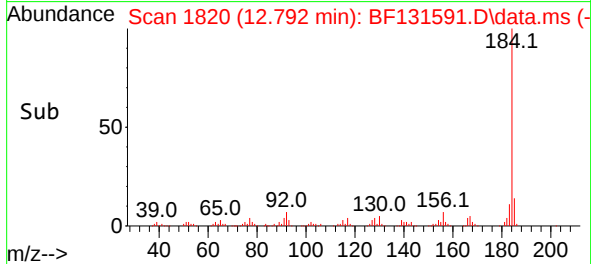
Instrument :
BNA_F
ClientSampleId :
PB149551BS



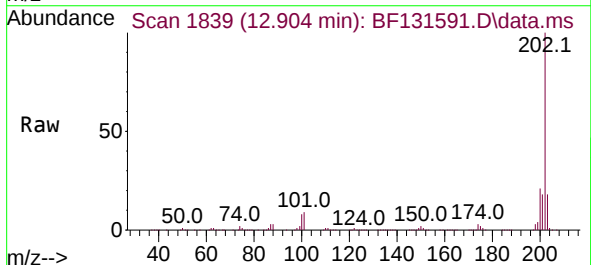
Tgt Ion:184 Resp: 171190
Ion Ratio Lower Upper
184 100
185 14.5 12.2 18.2
183 10.8 9.3 13.9

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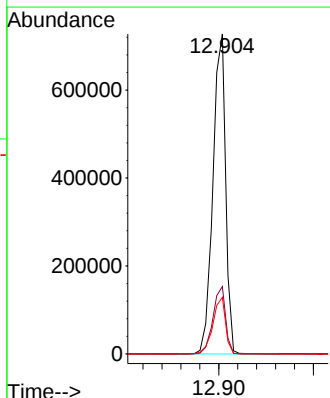
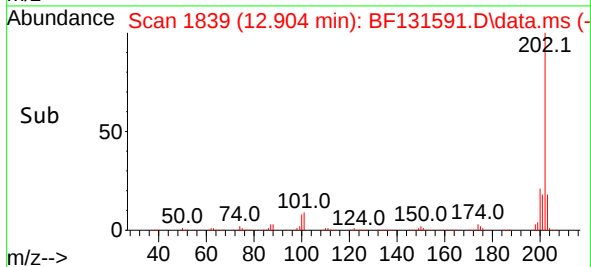
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

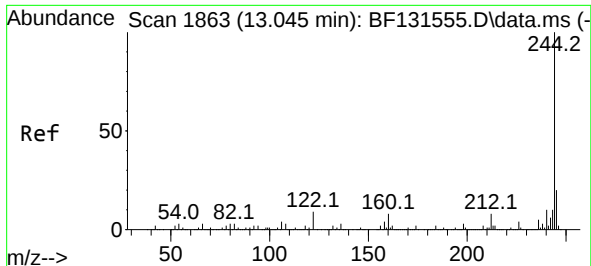


#78
Pyrene
Concen: 36.639 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.006 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00



Tgt Ion:202 Resp: 678357
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 17.7 13.8 20.6





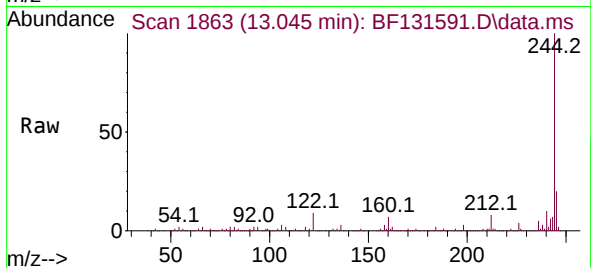
#79
 Terphenyl-d14
 Concen: 72.904 ng
 RT: 13.045 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: BF131591.D
 Acq: 12 Dec 2022 14:00

Instrument :

BNA_F

ClientSampleId :

PB149551BS

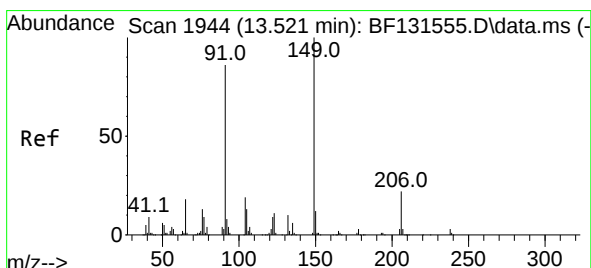
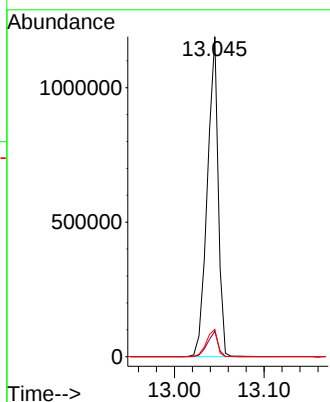
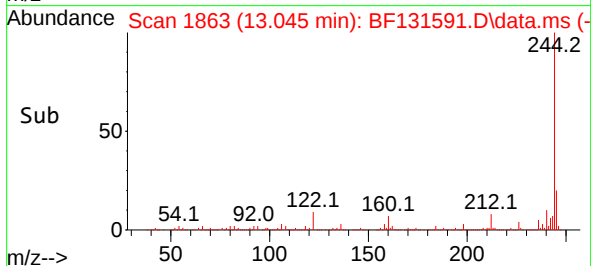


Tgt Ion:244 Resp: 998163
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 8.5 7.1 10.7

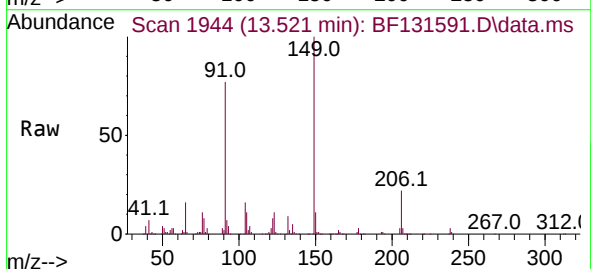
Manual Integrations

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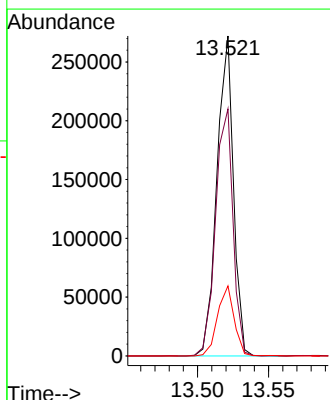
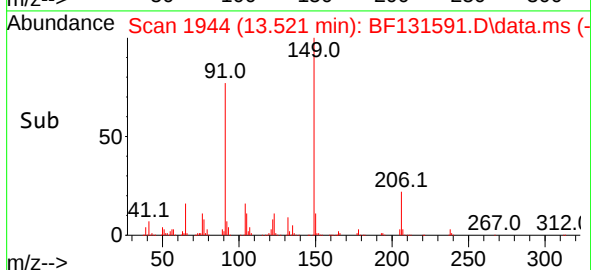
Reviewed By :Christian Giraldo 12/13/2022
 Supervised By :Jagrut Upadhyay 12/13/2022

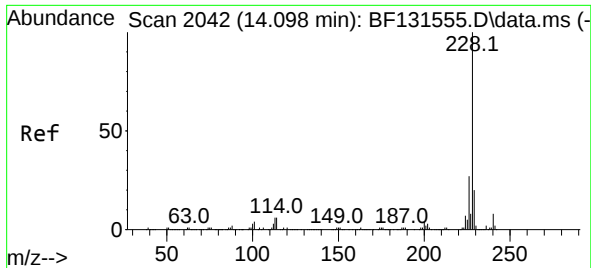


#80
 Butylbenzylphthalate
 Concen: 41.239 ng
 RT: 13.521 min Scan# 1944
 Delta R.T. -0.000 min
 Lab File: BF131591.D
 Acq: 12 Dec 2022 14:00



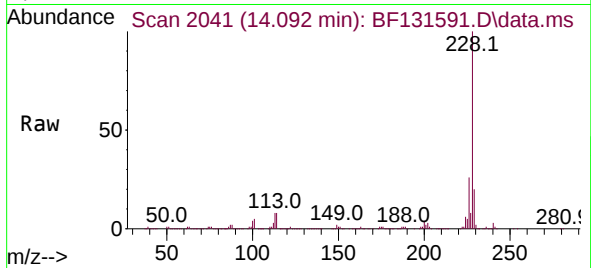
Tgt Ion:149 Resp: 220959
 Ion Ratio Lower Upper
 149 100
 91 77.2 69.0 103.4
 206 21.9 17.8 26.8





#81
Benzo(a)anthracene
Concen: 37.718 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

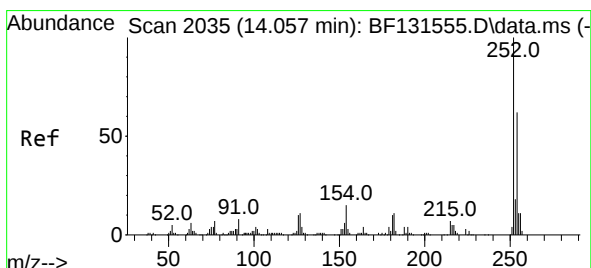
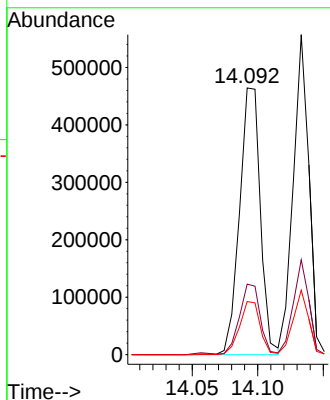
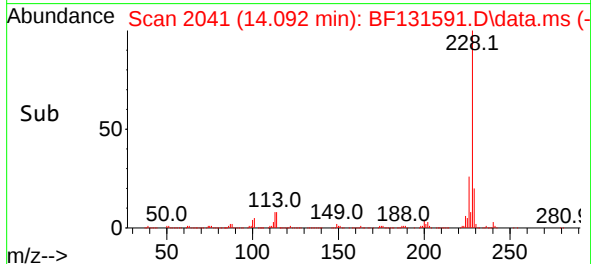
Instrument :
BNA_F
ClientSampleId :
PB149551BS



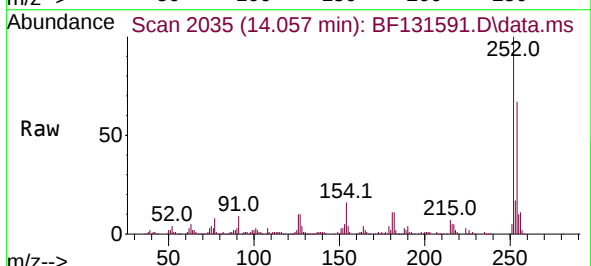
Tgt Ion:228 Resp: 511449
Ion Ratio Lower Upper
228 100
226 26.5 21.5 32.3
229 19.9 15.8 23.6

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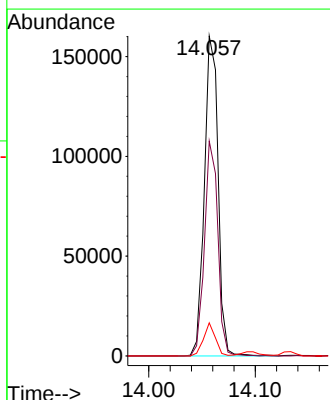
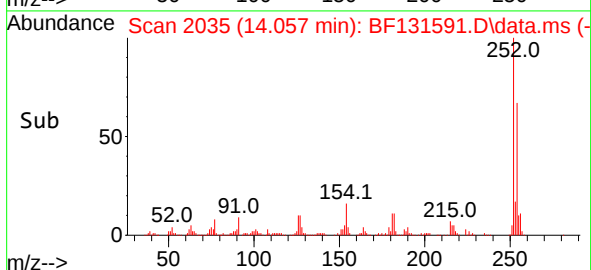
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

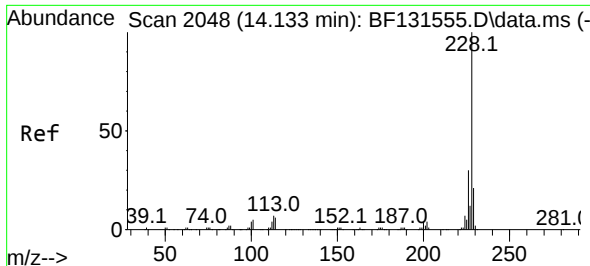


#82
3,3'-Dichlorobenzidine
Concen: 37.030 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00



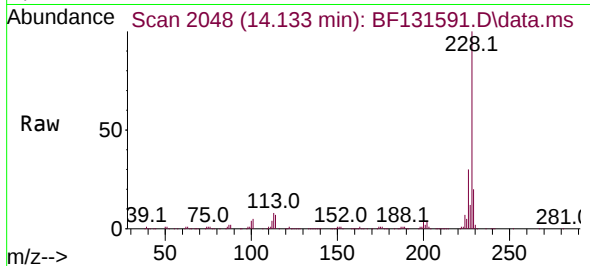
Tgt Ion:252 Resp: 142860
Ion Ratio Lower Upper
252 100
254 67.1 49.6 74.4
126 10.3 7.9 11.9





#83
Chrysene
Concen: 36.239 ng
RT: 14.133 min Scan# 2048
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

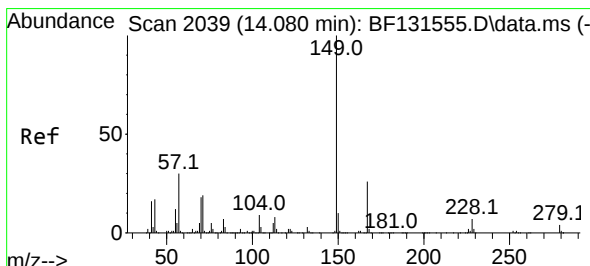
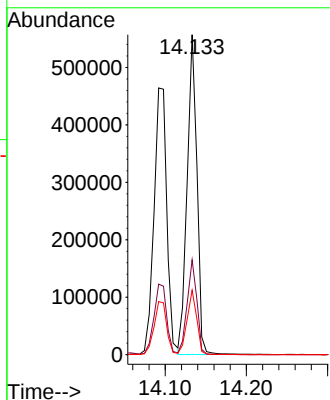
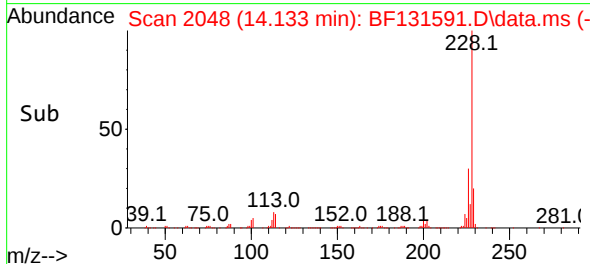
Instrument :
BNA_F
ClientSampleId :
PB149551BS



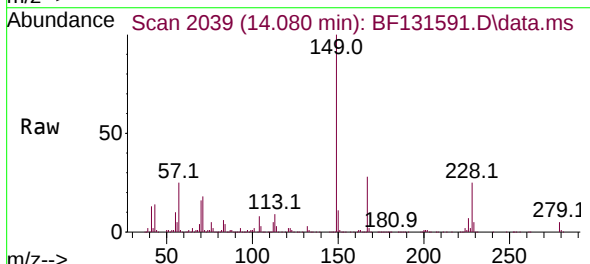
Tgt Ion:228 Resp: 467162
Ion Ratio Lower Upper
228 100
226 29.6 23.9 35.9
229 20.2 16.7 25.1

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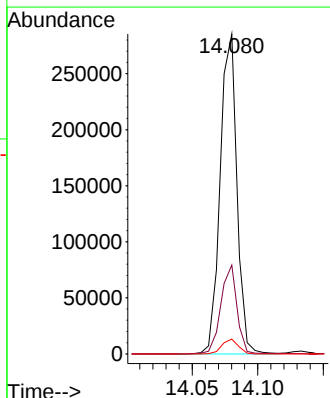
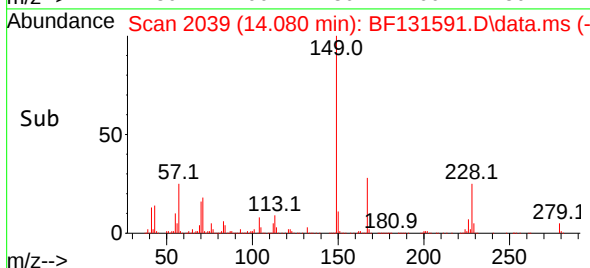
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

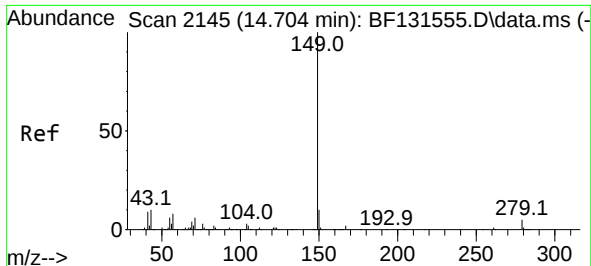


#84
Bis(2-ethylhexyl)phthalate
Concen: 35.690 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00



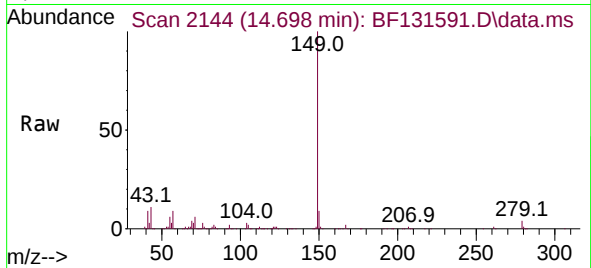
Tgt Ion:149 Resp: 254461
Ion Ratio Lower Upper
149 100
167 27.8 20.8 31.2
279 4.6 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 30.563 ng
RT: 14.698 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

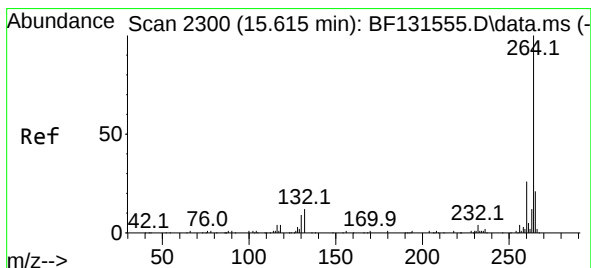
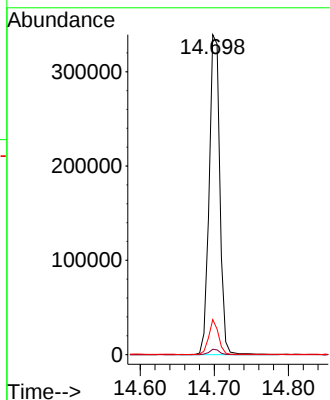
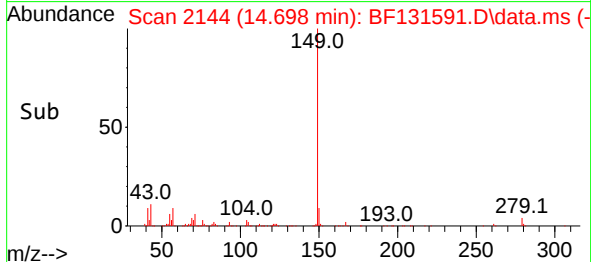
Instrument :
BNA_F
ClientSampleId :
PB149551BS



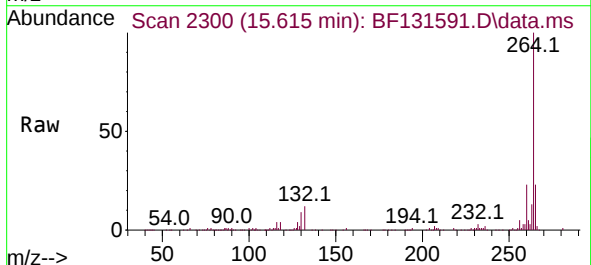
Tgt Ion:149 Resp: 340108
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.2 8.6 13.0

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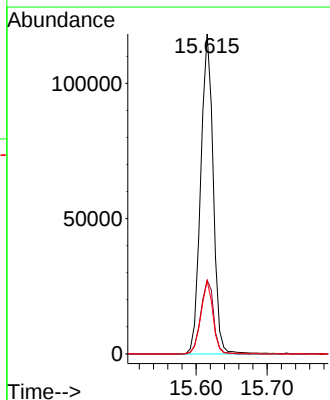
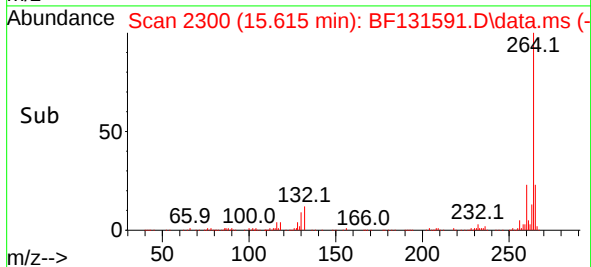
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

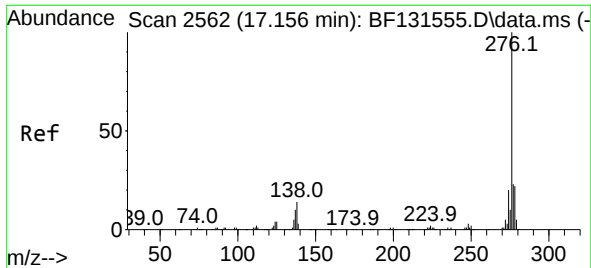


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.615 min Scan# 2300
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00



Tgt Ion:264 Resp: 143582
Ion Ratio Lower Upper
264 100
260 23.0 20.6 30.8
265 22.8 16.8 25.2





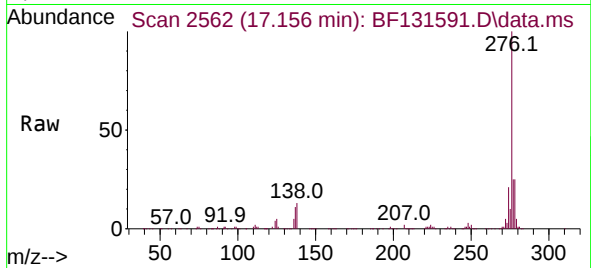
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 36.794 ng
 RT: 17.156 min Scan# 2562
 Delta R.T. -0.000 min
 Lab File: BF131591.D
 Acq: 12 Dec 2022 14:00

Instrument :

BNA_F

ClientSampleId :

PB149551BS

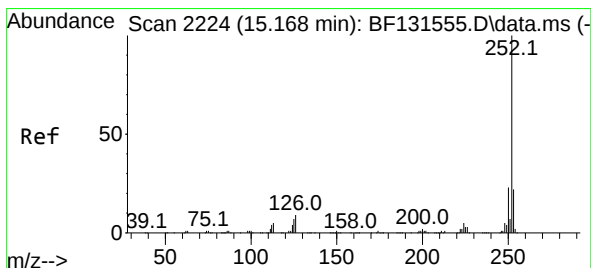
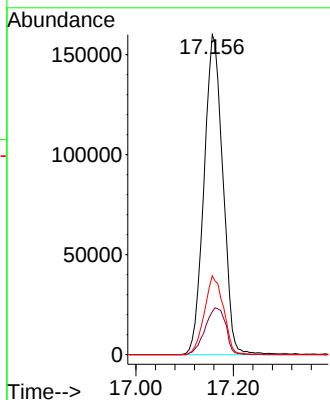
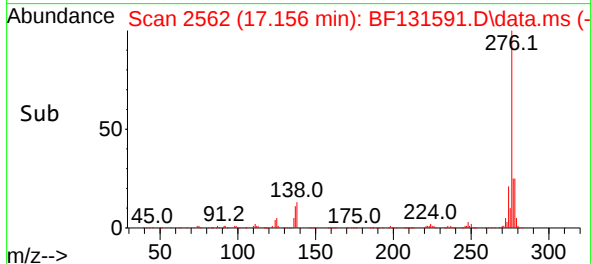


Tgt Ion:276 Resp: 43114
 Ion Ratio Lower Upper
 276 100
 138 16.0 12.7 19.1
 277 25.0 20.0 30.0

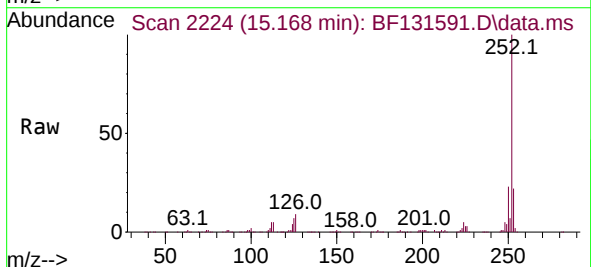
Manual Integrations

APPROVED

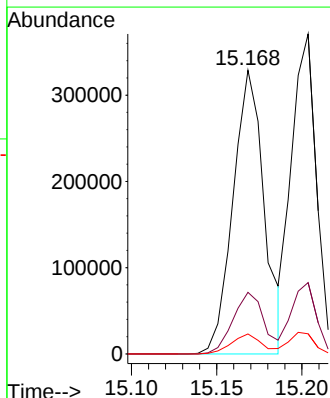
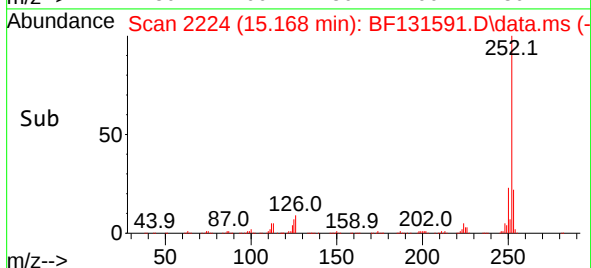
Reviewed By :Christian Giraldo 12/13/2022
 Supervised By :Jagrut Upadhyay 12/13/2022

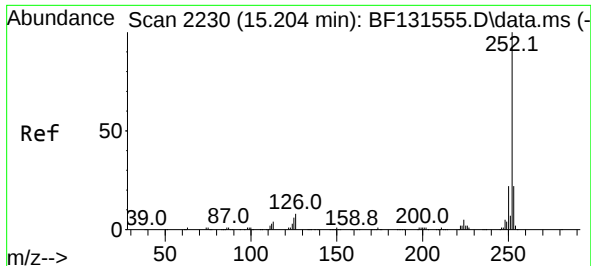


#88
 Benzo(b)fluoranthene
 Concen: 44.286 ng
 RT: 15.168 min Scan# 2224
 Delta R.T. -0.000 min
 Lab File: BF131591.D
 Acq: 12 Dec 2022 14:00



Tgt Ion:252 Resp: 419091
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.7 26.5
 125 7.0 5.6 8.4





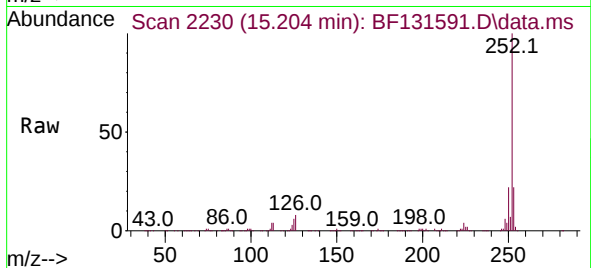
#89
Benzo(k)fluoranthene
Concen: 38.875 ng
RT: 15.204 min Scan# 2230
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

Instrument :

BNA_F

ClientSampleId :

PB149551BS

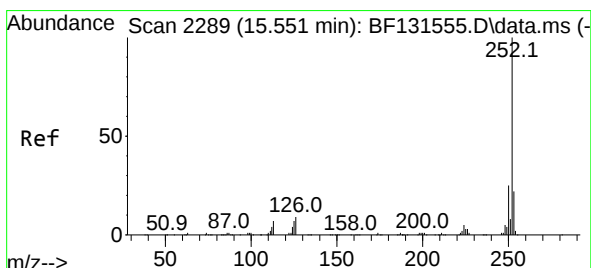
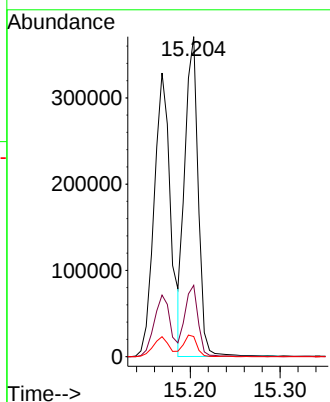
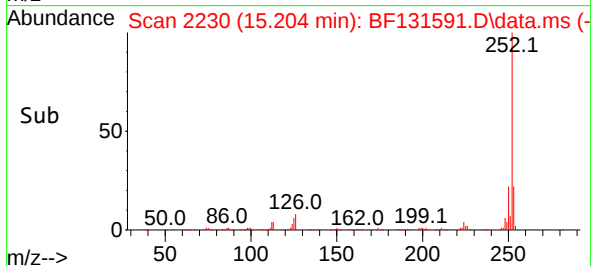


Tgt Ion:252 Resp: 383978
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 6.3 4.9 7.3

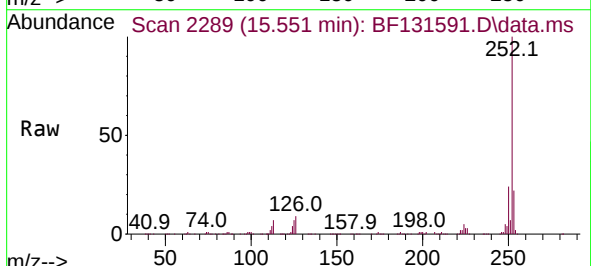
Manual Integrations

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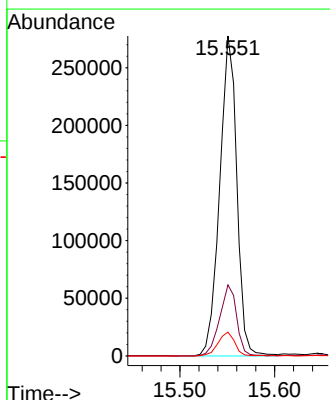
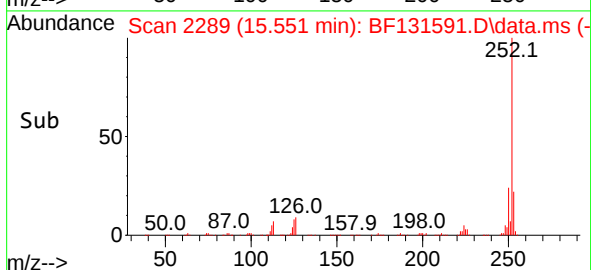
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

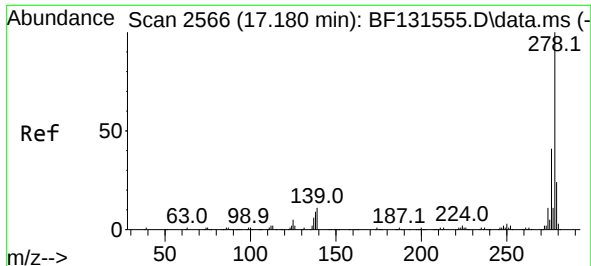


#90
Benzo(a)pyrene
Concen: 43.142 ng
RT: 15.551 min Scan# 2289
Delta R.T. -0.000 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00



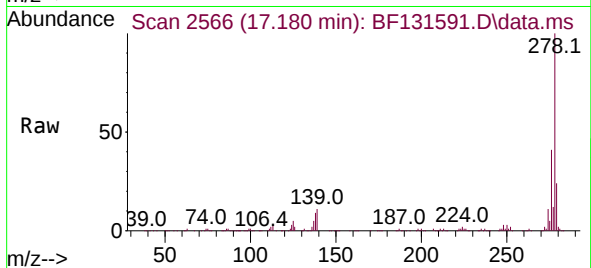
Tgt Ion:252 Resp: 348418
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 7.5 5.6 8.4





#91
Dibenzo(a,h)anthracene
Concen: 38.072 ng
RT: 17.180 min Scan# 2566
Delta R.T. 0.006 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00

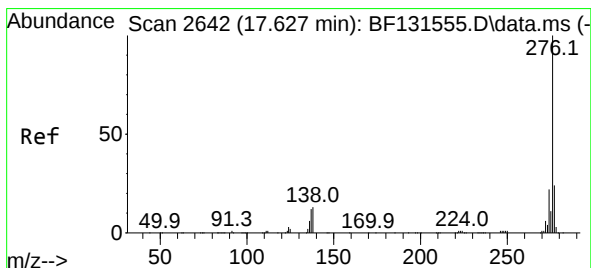
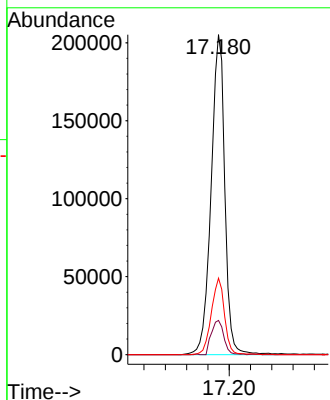
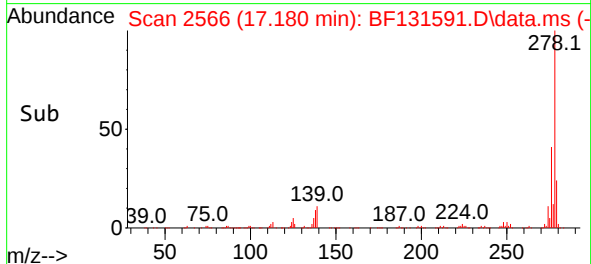
Instrument :
BNA_F
ClientSampleId :
PB149551BS



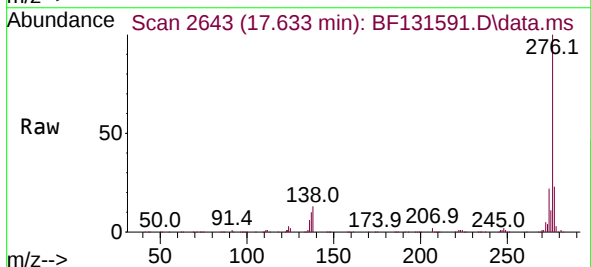
Tgt Ion:278 Resp: 367162
Ion Ratio Lower Upper
278 100
139 10.7 8.9 13.3
279 23.9 19.0 28.6

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 37.475 ng
RT: 17.633 min Scan# 2643
Delta R.T. 0.006 min
Lab File: BF131591.D
Acq: 12 Dec 2022 14:00



Tgt Ion:276 Resp: 363227
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.6
138 13.4 10.7 16.1

